

FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO

Valero Refining-Texas, L.P.

AUTHORIZING THE OPERATION OF

Valero Corpus Christi Refinery West Plant
Petroleum Refining

LOCATED AT

Nueces County, Texas

Latitude 27° 48' 54" Longitude 97° 29' 20"

Regulated Entity Number: RN100214386

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No: O1458 Issuance Date: April 29, 2013

For the Commission

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General Terms and Conditions

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

Special Terms and Conditions:

Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting

1. Permit holder shall comply with the following requirements:
 - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
 - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.

- C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
 - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.
 - E. Emission units subject to 40 CFR Part 63, Subparts A, Y, CC, UUU, ZZZZ, DDDDD, or GGGGG as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, § 113.100, 113.300, 113.340, 113.780, 113.1090, 113.1130, or 113.1160, respectively, which incorporates the 40 CFR Part 63 Subpart by reference.
2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
- A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
 - B. Title 30 TAC § 101.3 (relating to Circumvention)
 - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
 - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
 - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
 - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
 - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
 - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
 - I. Title 30 TAC § 101.222 (relating to Demonstrations)
 - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:

- A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
- (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
 - (ii) Title 30 TAC § 111.111(a)(1)(E)
 - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
 - (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the “Applicable Requirements Summary” attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:
 - (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
 - (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.

- (3) Records of all observations shall be maintained.
- (4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
- (5) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the

permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

- (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

B. For visible emissions from a building, enclosed facility, or other structure; the permit holder shall comply with the following requirements:

- (i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)
- (iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
 - (1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the air emission source or enclosed facility is not operating for the entire quarter.
 - (2) Records of all observations shall be maintained.
 - (3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15

feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

- (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A)
- (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

C. For visible emissions from all other sources not specified in 30 TAC § 111.111(a)(1), (4), or (7); the permit holder shall comply with the following requirements:

- (i) Title 30 TAC § 111.111(a)(8)(A) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(8)(B)(i) or (ii)

- (iii) For a source subject to 30 TAC § 111.111(a)(8)(A), complying with 30 TAC § 111.111(a)(8)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
- (1) An observation of visible emissions from a source which is required to comply with 30 TAC § 111.111(a)(8)(A) shall be conducted at least once during each calendar quarter unless the source is not operating for the entire quarter.
 - (2) Records of all observations shall be maintained.
 - (3) Visible emissions observations of sources operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of sources operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each source in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
 - (4) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(8) and (a)(8)(A)
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(8)(B) as soon as practicable, but

no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

- D. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.
- E. For emission units with contributions from uncombined water, the permit holder shall comply with the requirements of 30 TAC § 111.111(b).
- F. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
 - (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
 - (ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)
 - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
- 4. For storage vessels maintaining working pressure as specified in 30 TAC Chapter 115, Subchapter B, Division 1: "Storage of Volatile Organic Compounds," the permit holder shall comply with the requirements of 30 TAC § 115.112(b)(1).
- 5. Permit holder shall comply with the following 30 TAC Chapter 115, Subchapter C requirements:
 - A. When filling gasoline storage vessels with a nominal capacity greater than 1,000 gallons (Stage I) at motor vehicle fuel dispensing facilities, which have dispensed less than 125,000 gallons of gasoline in any calendar

month after January 1, 1999, the permit holder shall comply with the following requirements specified in 30 TAC Chapter 115, Subchapter C:

- (i) Title 30 TAC § 115.222(7) (relating to Control Requirements)
 - (ii) Title 30 TAC § 115.222(3), as it applies to liquid gasoline leaks
 - (iii) Title 30 TAC § 115.224(1) (relating to Inspection Requirements), as it applies to liquid gasoline leaks
 - (iv) Title 30 TAC § 115.226(2)(C) (relating to Recordkeeping Requirements)
- B. When filling stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons at a Stage I motor vehicle fuel dispensing facility, the permit holder shall comply with the following requirements specified in 30 TAC Chapter 115, Subchapter C:
 - (i) Title 30 TAC § 115.222(7) (relating to Control Requirements)
 - (ii) Title 30 TAC § 115.222(3), as it applies to liquid gasoline leaks
 - (iii) Title 30 TAC § 115.224(1) (relating to Inspection Requirements), as it applies to liquid gasoline leaks
- 6. Permit holder shall comply with the following 30 TAC Chapter 115, Subchapter D requirements:
 - A. Title 30 TAC § 115.312(b)(1) (relating to Control Requirements), for emissions during Process Unit Shutdown or Turnaround
- 7. The permit holder shall comply with the following 30 TAC Chapter 115, Subchapter F requirements (relating to Cutback Asphalt Requirements):
 - A. Title 30 TAC § 115.512(3) (relating to Control Requirements)
- 8. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:
 - A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)
 - B. Title 40 CFR § 60.8 (relating to Performance Tests)
 - C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)
 - D. Title 40 CFR § 60.12 (relating to Circumvention)

- E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)
 - F. Title 40 CFR § 60.14 (relating to Modification)
 - G. Title 40 CFR § 60.15 (relating to Reconstruction)
 - H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)
9. For petroleum refinery facilities subject to 40 CFR Part 60, Subpart QQQ, the permit holder shall comply with the following requirements:
- A. Title 40 CFR § 60.692-1(a) - (c) (relating to Standards: General)
 - B. Title 40 CFR § 60.692-2(a) - (c), (e) (relating to Standards: Individual Drain Systems)
 - C. Title 40 CFR § 60.692-6(a) - (b) (relating to Standards: Delay of Repair)
 - D. Title 40 CFR § 60.692-7(a) - (b) (relating to Standards: Delay of Compliance)
 - E. Title 40 CFR § 60.693-1(a) - (d), (e)(1) - (3) (relating to Alternative Standards for Individual Drain Systems)
 - F. Title 40 CFR § 60.697(a), (b)(1) - (3) (relating to Recordkeeping Requirements), as applicable to Individual Drain Systems
 - G. Title 40 CFR § 60.697(f)(1) - (2), (g) (relating to Recordkeeping Requirements), as applicable to Individual Drain Systems
 - H. Title 40 CFR § 60.697(h) (relating to Recordkeeping Requirements), as applicable to excluded Stormwater Sewer Systems
 - I. Title 40 CFR § 60.697(i) (relating to Recordkeeping Requirements), as applicable to excluded Ancillary Equipment
 - J. Title 40 CFR § 60.697(j) (relating to Recordkeeping Requirements), as applicable to excluded Non-contact Cooling Water Systems
 - K. Title 40 CFR § 60.698(a), and (b)(1) (relating to Reporting Requirements), as applicable to Individual Drain Systems
 - L. Title 40 CFR § 60.698(c) (relating to Reporting Requirements), for water seal breaches in Drain Systems
 - M. Title 40 CFR § 60.698(e) (relating to Reporting Requirements), as applicable to Individual Drain Systems

10. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 61, unless otherwise stated in the applicable subpart:
 - A. Title 40 CFR § 61.05 (relating to Prohibited Activities)
 - B. Title 40 CFR § 61.07 (relating to Application for Approval of Construction or Modification)
 - C. Title 40 CFR § 61.09 (relating to Notification of Start-up)
 - D. Title 40 CFR § 61.10 (relating to Source Reporting and Request Waiver)
 - E. Title 40 CFR § 61.12 (relating to Compliance with Standards and Maintenance Requirements)
 - F. Title 40 CFR § 61.13 (relating to Emissions Tests and Waiver of Emission Tests)
 - G. Title 40 CFR § 61.14 (relating to Monitoring Requirements)
 - H. Title 40 CFR § 61.15 (relating to Modification)
 - I. Title 40 CFR § 61.19 (relating to Circumvention)
11. For facilities where total annual benzene quantity from waste is greater than or equal to 10 megagrams per year and subject to emission standards in 40 CFR Part 61, Subpart FF, the permit holder shall comply with the following requirements:
 - A. Title 40 CFR § 61.342(c)(1)(i) - (iii) (relating to Standards: General)
 - B. Title 40 CFR § 61.342(e)(1) (relating to Standards: General)
 - C. Title 40 CFR § 61.342(e)(2)(i) - (ii) (relating to Standards: General)
 - D. Title 40 CFR § 61.342(f)(1), and (2) (relating to Standards: General)
 - E. Title 40 CFR § 61.342(g) (relating to Standards: General)
 - F. Title 40 CFR § 61.350(a) and (b) (relating to Standards: Delay of Repair)
 - G. Title 40 CFR § 61.355(a)(1)(iii), (a)(2), (a)(6), (b), and (c)(1) - (3) (relating to Test Methods, Procedures, and Compliance Provisions)
 - H. Title 40 CFR § 61.355(k)(1) - (6), and (7)(i) - (iv) (relating to Test Methods, Procedures, and Compliance Provisions), for calculation procedures
 - I. Title 40 CFR § 61.356(a) (relating to Recordkeeping Requirements)

- J. Title 40 CFR § 61.356(b), and (b)(1) (relating to Recordkeeping Requirements)
 - K. Title 40 CFR § 61.356(b)(4) (relating to Recordkeeping Requirements)
 - L. Title 40 CFR § 61.356(b)(5) (relating to Recordkeeping Requirements)
 - M. Title 40 CFR § 61.356(c) (relating to Recordkeeping Requirements)
 - N. Title 40 CFR § 61.357(a), (d)(1), (d)(2) (d)(6) and (d)(8) (relating to Reporting Requirements)
 - O. Title 40 CFR § 61.357(d)(5) (relating to Reporting Requirements)
 - P. Waste generated by remediation activities at these facilities are subject to the requirements identified under 40 CFR § 61.342 for treatment and management of waste
12. For facilities with containers subject to emission standards in 40 CFR Part 61, Subpart FF, the permit holder shall comply with the following requirements:
- A. Title 40 CFR § 61.345(a)(1) - (3), (b), and (c) (relating to Standards: Containers)
 - B. Title 40 CFR § 61.355(h) (relating to Test Methods, Procedures and Compliance Provisions)
 - C. Title 40 CFR § 61.356(g) (relating to Recordkeeping Requirements)
 - D. Title 40 CFR § 61.356(h) (relating to Recordkeeping Requirements)
13. For facilities with individual drain systems subject to emission standards in 40 CFR Part 61, Subpart FF, the permit holder shall comply with the following requirements:
- A. Title 40 CFR § 61.346(b)(1), (2), (2)(i), (3), (4)(i) - (iv), and (5) (relating to Standards: Individual Drain Systems)
 - B. Title 40 CFR § 61.346(b)(2)(ii)(B) (relating to Standards: Individual Drain Systems), for junction boxes
14. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.
15. For the bulk gasoline terminals specified in 40 CFR Part 63, Subpart R, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.230 incorporated by reference):

- A. Title 40 CFR § 63.420(h), for applicability of the General Provisions of Subpart A
 - B. Title 40 CFR § 63.422(c), (c)(1) - (2) (relating to Standards: Loading Racks)
 - C. Title 40 CFR § 63.424(f) (relating to Standards: Equipment Leaks)
 - D. Title 40 CFR § 63.424(g) (relating to Standards: Equipment Leaks)
 - E. Title 40 CFR § 63.425(e) - (h) (relating to Test Methods and Procedures)
 - F. Title 40 CFR § 63.428(a) - (b), (g)(1), and (h)(2) - (3) (relating to Reporting and Recordkeeping)
 - G. Title 40 CFR § 63.428(f)(1) - (2) (relating to Reporting and Recordkeeping)
16. For the operations pertaining to the loading and unloading of marine tank vessels specified in 40 CFR Part 63, Subpart Y, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.300 incorporated by reference):
- A. Title 40 CFR § 63.560(c) (relating to Designation of Affected Source), for applicability of the General Provisions of Subpart A
 - B. Title 40 CFR § 63.563(a)(4) (relating to Compliance and Performance Testing), for vapor tightness requirements of the marine vessels
 - C. Title 40 CFR § 63.564(a)(1) and (d) (relating to Monitoring Requirements)
 - D. Title 40 CFR § 63.565(a) (relating to Test Methods and Procedures), for performance testing requirements
 - E. Title 40 CFR § 63.565(c) (relating to Test Methods and Procedures), for vapor tightness requirements of the marine vessels
 - F. Title 40 CFR § 63.566 (relating to Construction and Reconstruction)
 - G. Title 40 CFR § 63.567(a) - (b) and (h) - (i) (relating to Reporting and Recordkeeping Requirements)
17. The permit holder shall comply with the requirement to prepare and implement an Operations and Maintenance plan in accordance with 40 CFR Part 63, Subpart UUU, § 63.1574(f) (Title 30 TAC Chapter 113, Subchapter C, § 113.780 incorporated by reference).
18. For site remediation projects subject to 40 CFR Part 63, Subpart GGGGG that will remove remediation material containing less than 1 megagram per year of the

HAP listed in Table 1 to Subpart GGGGG, the permit holder shall comply with 40 CFR § 63.7881(c)(1) - (3) (Title 30 TAC Chapter 113, Subchapter C, § 113.1160 incorporated by reference).

19. For containers managing remediation materials subject to 40 CFR Part 63, Subpart GGGGG, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.1160 incorporated by reference):
- A. Title 40 CFR § 63.922(b)(1) - (3), (c), (d)(1) - (5), (e), and (f)(1) - (4) (relating to Standards - Container Level 1 Controls)
 - B. Title 40 CFR § 63.923(b)(1) - (3), (c), (d)(1) - (5), (e), and (f)(1) - (4) (relating to Standards - Container Level 2 Controls)
 - C. Title 40 CFR § 63.924(b)(1) - (2), (c)(1), and (d) (relating to Standards - Container Level 3 Controls)
 - D. Title 40 CFR § 63.925(a)(1) - (8), and (b)(1) - (3) (relating to Test Methods and Procedures)
 - E. Title 40 CFR § 63.926(a)(1) - (3) (relating to Inspection and Monitoring Requirements)
 - F. Title 40 CFR § 63.7901(b) and (b)(1), for initial demonstration of compliance
 - G. Title 40 CFR § 63.7901(b)(2), for initial demonstration of compliance
 - H. Title 40 CFR § 63.7901(c), (c)(1), and (c)(2), for initial demonstration of compliance
 - I. Title 40 CFR § 63.7901(d), and (d)(1) - (4), for initial demonstration of compliance
 - J. Title 40 CFR § 63.7901(e), (e)(1), and (e)(2), for initial demonstration of compliance
 - K. Title 40 CFR § 63.7902(b), (b)(1), and (b)(2), for inspection and monitoring
 - L. Title 40 CFR § 63.7903(b) and (b)(1), for continuous demonstration of compliance
 - M. Title 40 CFR § 63.7903(b)(2), (b)(2)(i), (b)(2)(ii), for continuous demonstration of compliance
 - N. Title 40 CFR § 63.7903(c)(4), (c)(4)(i), and (c)(4)(ii), for continuous demonstration of compliance

- O. Title 40 CFR § 63.7903(d)(5), (d)(5)(i), and (d)(5)(ii), for continuous demonstration of compliance
- P. Title 40 CFR § 63.7903(e)(1) - (3), for continuous demonstration of compliance
- Q. Title 40 CFR § 63.7952(c), for recordkeeping

Additional Monitoring Requirements

- 20. Unless otherwise specified, the permit holder shall comply with the compliance assurance monitoring requirements as specified in the attached “CAM Summary” upon issuance of the permit. In addition, the permit holder shall comply with the following:
 - A. The permit holder shall comply with the terms and conditions contained in 30 TAC § 122.147 (General Terms and Conditions for Compliance Assurance Monitoring).
 - B. The permit holder shall report, consistent with the averaging time identified in the “CAM Summary,” deviations as defined by the deviation limit in the “CAM Summary.” Any monitoring data below a minimum limit or above a maximum limit, that is collected in accordance with the requirements specified in 40 CFR § 64.7(c), shall be reported as a deviation. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).
 - C. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time specified in the “CAM Summary,” for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances in order to avoid reporting deviations. All monitoring data shall be collected in accordance with the requirements specified in 40 CFR § 64.7(c).
 - D. The permit holder shall operate the monitoring, identified in the attached “CAM Summary,” in accordance with the provisions of 40 CFR § 64.7.
 - E. The permit holder shall comply with the requirements of 40 CFR § 70.6(a)(3)(ii)(A) and 30 TAC § 122.144(1)(A)-(F) for documentation of all required inspections.
- 21. The permit holder shall comply with the periodic monitoring requirements as specified in the attached “Periodic Monitoring Summary” upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permit holder

shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time specified in the “Periodic Monitoring Summary,” for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

New Source Review Authorization Requirements

22. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule, standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
 - A. Are incorporated by reference into this permit as applicable requirements
 - B. Shall be located with this operating permit
 - C. Are not eligible for a permit shield
23. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.
24. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit’s compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).
25. The permit holder shall comply with the following requirements for Air Quality Standard Permits:

- A. Registration requirements listed in 30 TAC § 116.611, unless otherwise provided for in an Air Quality Standard Permit
- B. General Conditions listed in 30 TAC § 116.615, unless otherwise provided for in an Air Quality Standard Permit
- C. Applicable requirements of 30 TAC § 116.617 for Pollution Control Projects based on the information contained in the registration application.
- D. Boiler Standard Permit

Compliance Requirements

- 26. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.
- 27. The permit holder shall adhere to the provisions in the Compliance Schedule attachment of this permit and submit certified progress reports consistent with the schedule established under 30 TAC § 122.132(e)(4)(C) and including the information specified in 30 TAC § 122.142(e)(2). Those emission units listed in the Compliance Schedule attachment shall adhere with the requirements in the Compliance Schedule attachment until operating fully in compliance with the applicable requirements.
- 28. Use of Discrete Emission Credits to comply with the applicable requirements:
 - A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) If applicable, offsets for Title 30 TAC Chapter 116
 - (iv) Temporarily exceed state NSR permit allowables
 - B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)

- (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4
- (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)
- (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122

Risk Management Plan

- 29. For processes subject to 40 CFR Part 68 and specified in 40 CFR § 68.10, the permit holder shall comply with the requirements of the Accidental Release Prevention Provisions in 40 CFR Part 68. The permit holder shall submit to the appropriate agency either a compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR § 68.10(a), or as part of the compliance certification submitted under this permit, a certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of a risk management plan.

Protection of Stratospheric Ozone

- 30. Permit holders at a site subject to Title VI of the FCAA Amendments shall meet the following requirements for protection of stratospheric ozone.
 - A. Any on site servicing, maintenance, and repair on refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants or non-exempt substitutes shall be conducted in accordance with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs on or refrigerant removal from refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart F.
 - B. The permit holder shall comply with the following 40 CFR Part 82, Subpart E requirements for labeling products using ozone-depleting substances:
 - (i) Title 40 CFR § 82.100 (relating to Purpose)
 - (ii) Title 40 CFR § 82.102(a)(1) - (3), (b), (c) (relating to Applicability);
 - (iii) Title 40 CFR § 82.104 (relating to Definitions)

- (iv) Title 40 CFR § 82.106 - 112 (relating to Warning Statements and Labels)
 - (v) Title 40 CFR § 82.114 (relating to Labeling Containers of Controlled [ozone - depleting] Substances)
 - (vi) Title 40 CFR § 82.116 (relating to Incorporation of Products Manufactured with Controlled [ozone-depleting] Substances)
 - (vii) Title 40 CFR § 82.120 (relating to Petitions)
 - (viii) Title 40 CFR § 82.122 (relating Certification, Recordkeeping, and Notice requirements)
 - (ix) Title 40 CFR § 82.124 (relating to Prohibitions)
- C. The permit holder shall comply with 40 CFR Part 82, Subpart H related to Halon Emissions Reduction requirements as specified in 40 CFR § 82.250 - § 82.270 and the applicable Part 82 Appendices.

Alternative Requirements

31. The permit holder shall comply with the approved alternative means of control (AMOC); alternative monitoring, recordkeeping, or reporting requirements; or requirements determined to be equivalent to an otherwise applicable requirement contained in the Alternative Requirements attachment of this permit. Units complying with an approved alternative requirement have reference to the approval in the Applicable Requirements summary listing for the unit. The permit holder shall maintain the original documentation, from (the EPA Administrator and/or TCEQ Executive Director), demonstrating the method or limitation utilized. Documentation shall be maintained and made available in accordance with 30 TAC § 122.144.

Permit Location

32. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

Permit Shield (30 TAC § 122.148)

33. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the

new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

Attachments

Applicable Requirements Summary

Additional Monitoring Requirements

Permit Shield

New Source Review Authorization References

Schedules

Alternative Requirement

Applicable Requirements Summary

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Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
30-B-02	Boilers/Steam Generators/ Steam Generating Units	N/A	60Db	40 CFR Part 60, Subpart Db	No changing attributes.
30-B-03	Boilers/Steam Generators/ Steam Generating Units	N/A	60Db	40 CFR Part 60, Subpart Db	No changing attributes.
30-B-04	Boilers/Steam Generators/ Steam Generating Units	N/A	60Db	40 CFR Part 60, Subpart Db	No changing attributes.
30-B-04	Boilers/Steam Generators/ Steam Generating Units	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
WWTP-FUG	Closed Vent System And Control Device	N/A	61FF- DRAINS	40 CFR Part 61, Subpart FF	No changing attributes.
GRP-NNN	Distillation Operations	20-V-03, 36-T-02, 36-V-06, 37-V-03, 37-V-05, 49-V-01, 54-V-42	60NNNa	40 CFR Part 60, Subpart NNN	No changing attributes.
GRP-NNN	Distillation Operations	20-V-03, 36-T-02, 36-V-06, 37-V-03, 37-V-05, 49-V-01, 54-V-42	60NNNb	40 CFR Part 60, Subpart NNN	No changing attributes.
02-V-12	Emission Points/Stationsary Vents/Process Vents	N/A	R5121	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
02-V-12	Emission Points/Stationsary Vents/Process Vents	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
38-V-54	Emission Points/Stationsary Vents/Process Vents	N/A	R5121	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
38-V-54	Emission Points/Stationsary Vents/Process Vents	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
38-V-55	Emission Points/Stationsary Vents/Process Vents	N/A	R5121	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
38-V-55	Emission Points/Stationsary Vents/Process Vents	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
44-V-01	Emission Points/Stationsary Vents/Process Vents	N/A	R5121	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
44-V-01	Emission Points/Stationsary Vents/Process Vents	N/A	63CCa	40 CFR Part 63, Subpart CC	No changing attributes.
47-V-02	Emission Points/Stationsary Vents/Process Vents	N/A	R5121	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
47-V-02	Emission Points/Stationsary Vents/Process Vents	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
48-V-01	Emission Points/Stationsary Vents/Process Vents	N/A	R5121	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
48-V-01	Emission Points/Stationsary Vents/Process Vents	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
49-V-01	Emission Points/Stationsary Vents/Process Vents	N/A	R5121	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
49-V-01	Emission Points/Stationsary Vents/Process Vents	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
GRP-EPN118	Emission Points/Stationsary Vents/Process Vents	13To1, SMR-CO2-VT	R5121	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP-EPN118	Emission Points/Stationsary Vents/Process Vents	13To1, SMR-CO2-VT	R5121a	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP-EPN121	Emission Points/Stationsary	2202-L, 2203-L, 24-	R1151	30 TAC Chapter 111,	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	Vents/Process Vents	ST-02		Nonagricultural Processes	
GRP-EPN121	Emission Points/Stationary Vents/Process Vents	2202-L, 2203-L, 24- ST-02	R1111	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP-EPN126A	Emission Points/Stationary Vents/Process Vents	31V05, 47L01PSA	R5121	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP-EPN126A	Emission Points/Stationary Vents/Process Vents	31V05, 47L01PSA	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
GRP-EPN126B	Emission Points/Stationary Vents/Process Vents	49V06, 49V07	R5121	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Smokeless flare
GRP-EPN126B	Emission Points/Stationary Vents/Process Vents	49V06, 49V07	R5121a	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.
GRP-EPN126B	Emission Points/Stationary Vents/Process Vents	49V06, 49V07	63CCa	40 CFR Part 63, Subpart CC	Control Device = Flare
GRP-EPN126B	Emission Points/Stationary Vents/Process Vents	49V06, 49V07	63CCb	40 CFR Part 63, Subpart CC	Control Device = Boiler or process heater with a design heat input capacity of greater or equal to than 44 MW or a boiler or process heater in which all vent streams are introduced into the flame zone.
GRP-EPN135	Emission Points/Stationary	01V01, 01V13,	R5121	30 TAC Chapter 115, Vent	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	Vents/Process Vents	01V16, 24V36		Gas Controls	
GRP-EPN135	Emission Points/Stationary Vents/Process Vents	01V01, 01V13, 01V16, 24V36	63CCa	40 CFR Part 63, Subpart CC	No changing attributes.
13-H-01A	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J	40 CFR Part 60, Subpart J	No changing attributes.
13-H-01A	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-low	40 CFR Part 60, Subpart J	No changing attributes.
13-H-01B	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J	40 CFR Part 60, Subpart J	No changing attributes.
13-H-01B	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-low	40 CFR Part 60, Subpart J	No changing attributes.
13-H-01C	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J	40 CFR Part 60, Subpart J	No changing attributes.
13-H-01C	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-low	40 CFR Part 60, Subpart J	No changing attributes.
24-ST-01	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J	40 CFR Part 60, Subpart J	No changing attributes.
24-ST-01	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	63UUU	40 CFR Part 63, Subpart UUU	No changing attributes.
30-B-04	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60Ja	40 CFR Part 60, Subpart Ja	No changing attributes.
31-H-01	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60Ja	40 CFR Part 60, Subpart Ja	No changing attributes.
38-H-01	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J	40 CFR Part 60, Subpart J	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
38-H-01	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-low	40 CFR Part 60, Subpart J	No changing attributes.
38-H-02	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J	40 CFR Part 60, Subpart J	No changing attributes.
38-H-02	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-low	40 CFR Part 60, Subpart J	No changing attributes.
41-H-07	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J	40 CFR Part 60, Subpart J	No changing attributes.
46-H-01	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J	40 CFR Part 60, Subpart J	No changing attributes.
48-H-01	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J	40 CFR Part 60, Subpart J	Monitoring Device = An instrument is in place for continuously monitoring and recording the concentration (dry basis) of hydrogen sulfide in fuel gases before being burned in any fuel gas combustion device.
48-H-01	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-AMP	40 CFR Part 60, Subpart J	Monitoring Device = An instrument is in place for continuously monitoring and recording the concentration (dry basis, zero percent excess air) of SO ₂ emissions into the atmosphere.
49CRU	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	63UUU	40 CFR Part 63, Subpart UUU	No changing attributes.
49-H-91	FCCU Cat Regen/Fuel Gas	N/A	60J	40 CFR Part 60, Subpart J	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	Combustion/Claus SRU				
52-H-01	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J	40 CFR Part 60, Subpart J	No changing attributes.
GF-1	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J	40 CFR Part 60, Subpart J	No changing attributes.
GRP-49HTR	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	49-H-01, 49-H-02, 49-H-03, 49-H-04	60J	40 CFR Part 60, Subpart J	No changing attributes.
GRP-49HTR	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	49-H-01, 49-H-02, 49-H-03, 49-H-04	60J-low	40 CFR Part 60, Subpart J	No changing attributes.
GRP-BLR-DB	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	30-B-02, 30-B-03	60J	40 CFR Part 60, Subpart J	No changing attributes.
GRP-HTR	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	01-H-01, 01-H-02, 01-H-03, 02-H-01, 02-H-02, 11-H-01, 12-H01A, 12-H01B, 12-H02, 36-H-01, 38-H-03, 47-H-05, 49-H-02NEW, 49- H-71, 49-H-90, 49- HDIC6	60J	40 CFR Part 60, Subpart J	No changing attributes.
GRP-HTRJ	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	47-H-01, 47-H-02, 47-H-03, 47-H-04	60J	40 CFR Part 60, Subpart J	Monitoring Device = An instrument is in place for continuously monitoring and recording the concentration (dry basis) of hydrogen sulfide in fuel gases before being burned in any fuel gas combustion device.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-HTRJ	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	47-H-01, 47-H-02, 47-H-03, 47-H-04	60J-AMP	40 CFR Part 60, Subpart J	Monitoring Device = An instrument is in place for continuously monitoring and recording the concentration (dry basis, zero percent excess air) of SO ₂ emissions into the atmosphere.
MFL-1	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J	40 CFR Part 60, Subpart J	No changing attributes.
MTBE FL-2	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J	40 CFR Part 60, Subpart J	No changing attributes.
SRU	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J	40 CFR Part 60, Subpart J	No changing attributes.
SRU	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	63UUU	40 CFR Part 63, Subpart UUU	No changing attributes.
SRU ₃	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J	40 CFR Part 60, Subpart J	No changing attributes.
SRU ₃	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	63UUU	40 CFR Part 63, Subpart UUU	No changing attributes.
TRUCKCOMB	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J	40 CFR Part 60, Subpart J	No changing attributes.
GF-1	Flares	N/A	R1111	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GF-1	Flares	N/A	60A	40 CFR Part 60, Subpart A	No changing attributes.
GF-1	Flares	N/A	63A	40 CFR Part 63, Subpart A	No changing attributes.
MFL-1	Flares	N/A	R1111	30 TAC Chapter 111, Visible	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
				Emissions	
MFL-1	Flares	N/A	60A	40 CFR Part 60, Subpart A	No changing attributes.
MFL-1	Flares	N/A	63A	40 CFR Part 63, Subpart A	No changing attributes.
MFL-1B	Flares	N/A	R1111	30 TAC Chapter 111, Visible Emissions	No changing attributes.
MFL-1B	Flares	N/A	63A	40 CFR Part 63, Subpart A	No changing attributes.
MTBE FL-2	Flares	N/A	R1111	30 TAC Chapter 111, Visible Emissions	No changing attributes.
MTBE FL-2	Flares	N/A	60A	40 CFR Part 60, Subpart A	No changing attributes.
MTBE FL-2	Flares	N/A	63A	40 CFR Part 63, Subpart A	No changing attributes.
30B04F	Fugitive Emission Units	N/A	R5322ALL	30 TAC Chapter 115, Fugitives Pet Ref B Counties	No changing attributes.
54F-MTBE	Fugitive Emission Units	N/A	R5322ALL	30 TAC Chapter 115, Fugitives Pet Ref B Counties	No changing attributes.
54F-MTBE	Fugitive Emission Units	N/A	60GGGALL	40 CFR Part 60, Subpart GGG	No changing attributes.
54F-MTBE	Fugitive Emission Units	N/A	63CCH-ALL	40 CFR Part 63, Subpart CC	No changing attributes.
54F-TAME	Fugitive Emission Units	N/A	R5322ALL	30 TAC Chapter 115, Fugitives Pet Ref B Counties	No changing attributes.
54F-TAME	Fugitive Emission Units	N/A	60GGGALL	40 CFR Part 60, Subpart GGG	No changing attributes.
54F-TAME	Fugitive Emission Units	N/A	63CCVVALL	40 CFR Part 63, Subpart CC	No changing attributes.
BUTAMER	Fugitive Emission Units	N/A	60GGGALL	40 CFR Part 60, Subpart	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
				GGG	
BWS	Fugitive Emission Units	N/A	R5322-ALL	30 TAC Chapter 115, Fugitives Pet Ref B Counties	No changing attributes.
BWS	Fugitive Emission Units	N/A	6oGGGaVVa	40 CFR Part 60, Subpart GGGa	No changing attributes.
BWS	Fugitive Emission Units	N/A	63CCH-ALL	40 CFR Part 63, Subpart CC	No changing attributes.
CD-LOADING	Loading/Unloading Operations	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
CD-PIPING	Fugitive Emission Units	N/A	R5322ALL	30 TAC Chapter 115, Fugitives Pet Ref B Counties	No changing attributes.
CD-PIPING	Fugitive Emission Units	N/A	63CCVVALL	40 CFR Part 63, Subpart CC	No changing attributes.
FUELDRM	Fugitive Emission Units	N/A	R5322ALL	30 TAC Chapter 115, Fugitives Pet Ref B Counties	No changing attributes.
GDFUG	Fugitive Emission Units	N/A	R5322ALL	30 TAC Chapter 115, Fugitives Pet Ref B Counties	No changing attributes.
GDFUG	Fugitive Emission Units	N/A	6oGGGALL	40 CFR Part 60, Subpart GGG	No changing attributes.
GDFUG	Fugitive Emission Units	N/A	63CCHALL	40 CFR Part 63, Subpart CC	No changing attributes.
GRP-5GCCVV	Fugitive Emission Units	11F-HOC, 49-RSU, 49-XFU, 4F, CRUDE UNIT, CRU-FUG, HCU-FUG, HOC- FUG, HRLEU-FUG, LRU, NHT-FUG	R5322ALL	30 TAC Chapter 115, Fugitives Pet Ref B Counties	No changing attributes.
GRP-5GCCVV	Fugitive Emission Units	11F-HOC, 49-RSU,	6oGGGALL	40 CFR Part 60, Subpart	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		49-XFU, 4F, CRUDE UNIT, CRU-FUG, HCU-FUG, HOC- FUG, HRLEU-FUG, LRU, NHT-FUG		GGG	
GRP-5GCCVV	Fugitive Emission Units	11F-HOC, 49-RSU, 49-XFU, 4F, CRUDE UNIT, CRU-FUG, HCU-FUG, HOC- FUG, HRLEU-FUG, LRU, NHT-FUG	63CCVVALL	40 CFR Part 63, Subpart CC	No changing attributes.
GRP-R5-1	Fugitive Emission Units	41F, AMINE-FUG, SMR-FUG, SWS- FUG	R5322ALL	30 TAC Chapter 115, Fugitives Pet Ref B Counties	No changing attributes.
GRP-R5-2	Fugitive Emission Units	30B01F, 30B02F, 30B03F	R5322ALL	30 TAC Chapter 115, Fugitives Pet Ref B Counties	No changing attributes.
GRP-R5CC	Fugitive Emission Units	11F-HDS, ALKY- FUG, HDS FUG	R5322ALL	30 TAC Chapter 115, Fugitives Pet Ref B Counties	No changing attributes.
GRP-R5CC	Fugitive Emission Units	11F-HDS, ALKY- FUG, HDS FUG	63CCHALL	40 CFR Part 63, Subpart CC	No changing attributes.
GRP-R5CC2	Fugitive Emission Units	DOCKS-F, GAS BLEND, PIPING FUG, TERMIN 2/2A, TERMINAL 1, TERMINAL 3	R5322ALL	30 TAC Chapter 115, Fugitives Pet Ref B Counties	No changing attributes.
GRP-R5CC2	Fugitive Emission Units	DOCKS-F, GAS BLEND, PIPING FUG, TERMIN	63CCHALL	40 CFR Part 63, Subpart CC	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		2/2A, TERMINAL 1, TERMINAL 3			
GRP-R5G	Fugitive Emission Units	46F/24F, 47PSA, VACUUMUNIT	R5322ALL	30 TAC Chapter 115, Fugitives Pet Ref B Counties	No changing attributes.
GRP-R5G	Fugitive Emission Units	46F/24F, 47PSA, VACUUMUNIT	60GGGALL	40 CFR Part 60, Subpart GGG	No changing attributes.
GRP-SRU3	Fugitive Emission Units	ATU3FUG, SCOTFUG, SRU3FUG	R5322ALL	30 TAC Chapter 115, Fugitives Pet Ref B Counties	No changing attributes.
GRP-SRU3	Fugitive Emission Units	ATU3FUG, SCOTFUG, SRU3FUG	60GGGALL	40 CFR Part 60, Subpart GGG	No changing attributes.
LPG STORAG	Fugitive Emission Units	N/A	R5322ALL	30 TAC Chapter 115, Fugitives Pet Ref B Counties	No changing attributes.
MTBE-FUG	Fugitive Emission Units	N/A	R5322ALL	30 TAC Chapter 115, Fugitives Pet Ref B Counties	No changing attributes.
MTBE-FUG	Fugitive Emission Units	N/A	60GGGALL	40 CFR Part 60, Subpart GGG	No changing attributes.
MVRUF	Fugitive Emission Units	N/A	R5322ALL	30 TAC Chapter 115, Fugitives Pet Ref B Counties	No changing attributes.
MVRUF	Fugitive Emission Units	N/A	63CCVVALL	40 CFR Part 63, Subpart CC	No changing attributes.
OLEFLEX-FU	Fugitive Emission Units	N/A	60VVALL	40 CFR Part 60, Subpart VV	No changing attributes.
RAIL-FUG	Fugitive Emission Units	N/A	R5322ALL	30 TAC Chapter 115, Fugitives Pet Ref B Counties	No changing attributes.
RAIL-FUG	Fugitive Emission Units	N/A	63CCALL	40 CFR Part 63, Subpart CC	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
WWTP-FUG	Fugitive Emission Units	N/A	R5322ALL	30 TAC Chapter 115, Fugitives Pet Ref B Counties	No changing attributes.
SRU	Gas Sweetening/Sulfur Recovery Units	N/A	REG2	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
SRU3	Gas Sweetening/Sulfur Recovery Units	N/A	REG2	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
BARGEDOCKS	Loading/Unloading Operations	N/A	61BB	40 CFR Part 61, Subpart BB	No changing attributes.
BARGEDOCKS	Loading/Unloading Operations	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
BARGEDOCKS	Loading/Unloading Operations	N/A	63Ya	40 CFR Part 63, Subpart Y	MATERIAL LOADED = Material other than crude oil or gasoline., SOURCE EMISSIONS = Source with emissions less than 10 and 25 tons.
BARGEDOCKS	Loading/Unloading Operations	N/A	63Yb	40 CFR Part 63, Subpart Y	MATERIAL LOADED = Gasoline., SOURCE EMISSIONS = Source with emissions of 10 or 25 tons., THROUGHPUT = Source with throughput of 10 M barrels or 200 M barrels., VAPOR BALANCING SYSTEM = Emissions are not reduced by a vapor balancing system., CEMS = Continuous emissions monitoring system (CEMS) is not being used., DOCUMENT VAPOR TIGHTNESS = Electing

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					to comply with the emissions reporting requirements in 40 CFR § 63.567(b)(5)(i)., SUBPART Y CTRL DEV TYPE = Carbon adsorber with vacuum regeneration., PERFORMANCE TEST = Baseline temperature from manufacturer., ALTERNATE MONITORING = Complying with the control device specific monitoring procedures in 40 CFR § 63.564., ALTERNATE TEST PROCEDURE = Complying with the test procedures in 40 CFR § 63.565., BYPASS FLOW INDICATOR = Visual inspection of seal or closure mechanism., VENT STREAM BY-PASS = There are valves that could route displaced vapors to the atmosphere.
RAILRACK1	Loading/Unloading Operations	N/A	R5211	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
SHIPDOCKS	Loading/Unloading Operations	N/A	61BB	40 CFR Part 61, Subpart BB	No changing attributes.
SHIPDOCKS	Loading/Unloading Operations	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
SHIPDOCKS	Loading/Unloading Operations	N/A	63Ya	40 CFR Part 63, Subpart Y	MATERIAL LOADED = Material other than crude oil or

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					gasoline., SOURCE EMISSIONS = Source with emissions less than 10 and 25 tons.
SHIPDOCKS	Loading/Unloading Operations	N/A	63Yb	40 CFR Part 63, Subpart Y	MATERIAL LOADED = Gasoline., SOURCE EMISSIONS = Source with emissions of 10 or 25 tons., THROUGHPUT = Source with throughput of 10 M barrels or 200 M barrels., VAPOR BALANCING SYSTEM = Emissions are not reduced by a vapor balancing system., CEMS = Continuous emissions monitoring system (CEMS) is not being used., DOCUMENT VAPOR TIGHTNESS = Electing to comply with the emissions reporting requirements in 40 CFR § 63.567(b)(5)(i)., SUBPART Y CTRL DEV TYPE = Carbon adsorber with vacuum regeneration., PERFORMANCE TEST = Baseline temperature from manufacturer., ALTERNATE MONITORING = Complying with the control device specific monitoring procedures in 40 CFR § 63.564., ALTERNATE TEST PROCEDURE = Complying with the test procedures in 40

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					CFR § 63.565., BYPASS FLOW INDICATOR = Visual inspection of seal or closure mechanism., VENT STREAM BY-PASS = There are valves that could route displaced vapors to the atmosphere.
T-RACK	Loading/Unloading Operations	N/A	R5211a	30 TAC Chapter 115, Loading and Unloading of VOC	CHAPTER 115 FACILITY TYPE = Gasoline terminal, PRODUCT TRANSFERRED = Gasoline, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia., DAILY THROUGHPUT = Daily throughput not determined since 30 TAC § 115.217(a)(2)(B), (b)(3)(B), (a)(2)(A), and (b)(3)(A) exemptions do not apply to marine terminals or gasoline terminals., CHPTR 115 CNTRL DEV TYPE = Vapor control system with a vapor combustor., TRANSFER TYPE = Only loading., VAPOR TIGHT = All liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected., VAPOR SPACE HOLDING TANK = the gasoline terminal does not have a variable vapor space holding

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					tank design that can process vapors independent of transport vessel loading or chooses compliance with 30 TAC 115.212(a)(4)(C).
T-RACK	Loading/Unloading Operations	N/A	R5211b	30 TAC Chapter 115, Loading and Unloading of VOC	CHAPTER 115 FACILITY TYPE = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal., PRODUCT TRANSFERRED = Volatile organic compounds other than liquefied petroleum gas, crude oil, condensate and gasoline., TRUE VAPOR PRESSURE = True vapor pressure is less than 1.5 psia., TRANSFER TYPE = Loading and unloading.
T-RACK	Loading/Unloading Operations	N/A	R5211c	30 TAC Chapter 115, Loading and Unloading of VOC	CHAPTER 115 FACILITY TYPE = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal., PRODUCT TRANSFERRED = Liquefied petroleum gas (LPG), crude oil, or condensate., TRANSFER TYPE = Loading and unloading.
T-RACK	Loading/Unloading Operations	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-RRR	Reactor	38-V-23, 38-V-32	60RRRa	40 CFR Part 60, Subpart RRR	No changing attributes.
GRP-RRR	Reactor	38-V-23, 38-V-32	60RRRb	40 CFR Part 60, Subpart RRR	No changing attributes.
GRP-RRR	Reactor	38-V-23, 38-V-32	60RRRc	40 CFR Part 60, Subpart RRR	No changing attributes.
DEGREASE-F	Solvent Degreasing Machines	N/A	R5412	30 TAC Chapter 115, Degreasing Processes	No changing attributes.
16-P-11-EN	SRIC Engines	N/A	63-ZZZZ	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
16-P-12-EN	SRIC Engines	N/A	63-ZZZZ	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
16-P-13-EN	SRIC Engines	N/A	63-ZZZZ	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
16-P-14-EN	SRIC Engines	N/A	63-ZZZZ	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
16-P-4-EN	SRIC Engines	N/A	63-ZZZZ	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
16-P-7-EN	SRIC Engines	N/A	63-ZZZZ	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
17-FUG	Fugitive Emission Units	N/A	R5322-ALL	30 TAC Chapter 115, Fugitives Pet Ref B Counties	No changing attributes.
17-FUG	Fugitive Emission Units	N/A	60GGGaVVa	40 CFR Part 60, Subpart GGGa	No changing attributes.
17-FUG	Fugitive Emission Units	N/A	63CCH-ALL	40 CFR Part 63, Subpart CC	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
17-H-1	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60Ja	40 CFR Part 60, Subpart Ja	No changing attributes.
17-H-1	Process Heaters/Furnaces	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
83P136A-EN	SRIC Engines	N/A	60-III	40 CFR Part 60, Subpart III	No changing attributes.
83P136A-EN	SRIC Engines	N/A	60-III	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
83P136B-EN	SRIC Engines	N/A	60-III	40 CFR Part 60, Subpart III	No changing attributes.
83P136B-EN	SRIC Engines	N/A	60-III	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
03-TK-156	Storage Tanks/Vessels	N/A	R5112-a	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is less than 1.0 psia, PRODUCT STORED = VOC other than crude oil or condensate
03-TK-156	Storage Tanks/Vessels	N/A	R5112-b	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = VOC other than crude oil or condensate
03-TK-156	Storage Tanks/Vessels	N/A	R5112-c	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = Crude oil and/or condensate
03-TK-156	Storage Tanks/Vessels	N/A	60KB-b	40 CFR Part 60, Subpart Kb	PRODUCT STORED = Petroleum liquid (other than petroleum or condensate)
03-TK-156	Storage Tanks/Vessels	N/A	60KB-c	40 CFR Part 60, Subpart Kb	PRODUCT STORED = Volatile organic liquid
03-TK-156	Storage Tanks/Vessels	N/A	60KB-d	40 CFR Part 60, Subpart Kb	PRODUCT STORED = Crude oil stored, processed, and/or treated after custody transfer, REID VAPOR PRESSURE = Reid vapor pressure is greater than or equal to 2.0 psia
03-TK-156	Storage Tanks/Vessels	N/A	63CC	40 CFR Part 63, Subpart CC	PRODUCT STORED = Refined petroleum products
03-TK-156	Storage Tanks/Vessels	N/A	63CC-b	40 CFR Part 63, Subpart CC	REID VAPOR PRESSURE = Reid vapor pressure is greater than or equal to 2.0 psia, PRODUCT STORED = Crude oil
03-TK-161	Storage Tanks/Vessels	N/A	R5112-a	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is less than 1.0 psia, PRODUCT STORED = VOC other than crude oil or

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					condensate
03-TK-161	Storage Tanks/Vessels	N/A	R5112-b	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = VOC other than crude oil or condensate
03-TK-161	Storage Tanks/Vessels	N/A	R5112-c	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = Crude oil and/or condensate
03-TK-161	Storage Tanks/Vessels	N/A	60KB-b	40 CFR Part 60, Subpart Kb	No changing attributes.
03-TK-161	Storage Tanks/Vessels	N/A	60KB-c	40 CFR Part 60, Subpart Kb	No changing attributes.
03-TK-161	Storage Tanks/Vessels	N/A	60KB-d	40 CFR Part 60, Subpart Kb	No changing attributes.
03-TK-161	Storage Tanks/Vessels	N/A	63CC	40 CFR Part 63, Subpart CC	PRODUCT STORED = Refined petroleum products
03-TK-161	Storage Tanks/Vessels	N/A	63CC-b	40 CFR Part 63, Subpart CC	REID VAPOR PRESSURE = Reid vapor pressure is greater than or equal to 2.0 psia, PRODUCT STORED = Crude oil
05-CT-109	Industrial Process Cooling Towers	N/A	63CC-c	40 CFR Part 63, Subpart CC	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
43-TK-04	Storage Tanks/Vessels	N/A	R5112-a	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
50-TK-60	Storage Tanks/Vessels	N/A	R5112-a	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is less than 1.0 psia, PRODUCT STORED = VOC other than crude oil or condensate
50-TK-60	Storage Tanks/Vessels	N/A	R5112-b	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = VOC other than crude oil or condensate
50-TK-60	Storage Tanks/Vessels	N/A	R5112-c	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = Crude oil and/or condensate
50-TK-60	Storage Tanks/Vessels	N/A	60KA-b	40 CFR Part 60, Subpart Ka	No changing attributes.
50-TK-60	Storage Tanks/Vessels	N/A	60KA-c	40 CFR Part 60, Subpart Ka	No changing attributes.
50-TK-60	Storage Tanks/Vessels	N/A	60KA-d	40 CFR Part 60, Subpart Ka	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
50-TK-60	Storage Tanks/Vessels	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
50-TK-61	Storage Tanks/Vessels	N/A	R5112-a	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is less than 1.0 psia, PRODUCT STORED = VOC other than crude oil or condensate
50-TK-61	Storage Tanks/Vessels	N/A	R5112-b	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = VOC other than crude oil or condensate
50-TK-61	Storage Tanks/Vessels	N/A	R5112-c	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = Crude oil and/or condensate
50-TK-61	Storage Tanks/Vessels	N/A	60KA-b	40 CFR Part 60, Subpart Ka	No changing attributes.
50-TK-61	Storage Tanks/Vessels	N/A	60KA-c	40 CFR Part 60, Subpart Ka	No changing attributes.
50-TK-61	Storage Tanks/Vessels	N/A	60KA-d	40 CFR Part 60, Subpart Ka	No changing attributes.
50-TK-61	Storage Tanks/Vessels	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
70-TK-109	Storage Tanks/Vessels	N/A	R5112-a	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is less than 1.0 psia, PRODUCT STORED = VOC other than crude oil or condensate
70-TK-109	Storage Tanks/Vessels	N/A	R5112-b	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = VOC other than crude oil or condensate
70-TK-109	Storage Tanks/Vessels	N/A	R5112-c	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = Crude oil and/or condensate
70-TK-109	Storage Tanks/Vessels	N/A	60K-b	40 CFR Part 60, Subpart K	No changing attributes.
70-TK-109	Storage Tanks/Vessels	N/A	60K-c	40 CFR Part 60, Subpart K	No changing attributes.
70-TK-109	Storage Tanks/Vessels	N/A	60K-d	40 CFR Part 60, Subpart K	No changing attributes.
70-TK-109	Storage Tanks/Vessels	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
70-TK-110	Storage Tanks/Vessels	N/A	R5112-a	30 TAC Chapter 115, Storage	STORAGE CAPACITY =

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
				of VOCs	Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is less than 1.0 psia, PRODUCT STORED = VOC other than crude oil or condensate
70-TK-110	Storage Tanks/Vessels	N/A	R5112-b	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = VOC other than crude oil or condensate
70-TK-110	Storage Tanks/Vessels	N/A	R5112-c	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = Crude oil and/or condensate
70-TK-110	Storage Tanks/Vessels	N/A	60KB-b	40 CFR Part 60, Subpart Kb	No changing attributes.
70-TK-110	Storage Tanks/Vessels	N/A	60KB-c	40 CFR Part 60, Subpart Kb	No changing attributes.
70-TK-110	Storage Tanks/Vessels	N/A	60KB-d	40 CFR Part 60, Subpart Kb	No changing attributes.
70-TK-110	Storage Tanks/Vessels	N/A	63CC-a	40 CFR Part 63, Subpart CC	PRODUCT STORED = Refined petroleum products
70-TK-110	Storage Tanks/Vessels	N/A	63CC-b	40 CFR Part 63, Subpart CC	REID VAPOR PRESSURE =

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					Reid vapor pressure is greater than or equal to 2.0 psia, PRODUCT STORED = Crude oil
70-TK-138	Storage Tanks/Vessels	N/A	R5112-a	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
70-TK-138	Storage Tanks/Vessels	N/A	60K-b	40 CFR Part 60, Subpart K	No changing attributes.
70-TK-140	Storage Tanks/Vessels	N/A	R5112	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
70-TK-140	Storage Tanks/Vessels	N/A	63GGGGG-1	40 CFR Part 63, Subpart GGGGG	No changing attributes.
70-TK-95	Storage Tanks/Vessels	N/A	R5112-a	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
70-TK-95	Storage Tanks/Vessels	N/A	60K-b	40 CFR Part 60, Subpart K	No changing attributes.
73-TK-166	Storage Tanks/Vessels	N/A	R5112	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
73-TK-166	Storage Tanks/Vessels	N/A	60KB	40 CFR Part 60, Subpart Kb	No changing attributes.
73-TK-166	Storage Tanks/Vessels	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
73-TK-167	Storage Tanks/Vessels	N/A	R5112	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
73-TK-167	Storage Tanks/Vessels	N/A	60KB	40 CFR Part 60, Subpart Kb	No changing attributes.
73-TK-167	Storage Tanks/Vessels	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
73-TK-168	Storage Tanks/Vessels	N/A	R5112-d	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
73-TK-168	Storage Tanks/Vessels	N/A	60Kb-e	40 CFR Part 60, Subpart Kb	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
73-TK-168	Storage Tanks/Vessels	N/A	63CC-c	40 CFR Part 63, Subpart CC	No changing attributes.
83-TK-155	Storage Tanks/Vessels	N/A	R5112-a	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is less than 1.0 psia, PRODUCT STORED = VOC other than crude oil or condensate
83-TK-155	Storage Tanks/Vessels	N/A	R5112-b	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = VOC other than crude oil or condensate
83-TK-155	Storage Tanks/Vessels	N/A	R5112-c	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = Crude oil and/or condensate
83-TK-155	Storage Tanks/Vessels	N/A	60KB-b	40 CFR Part 60, Subpart Kb	No changing attributes.
83-TK-155	Storage Tanks/Vessels	N/A	60KB-c	40 CFR Part 60, Subpart Kb	No changing attributes.
83-TK-155	Storage Tanks/Vessels	N/A	60KB-d	40 CFR Part 60, Subpart Kb	No changing attributes.
83-TK-155	Storage Tanks/Vessels	N/A	60QQQ	40 CFR Part 60, Subpart	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
				QQQ	
83-TK-155	Storage Tanks/Vessels	N/A	61FF	40 CFR Part 61, Subpart FF	No changing attributes.
83-TK-162	Storage Tanks/Vessels	N/A	R5112-a	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is less than 1.0 psia, PRODUCT STORED = VOC other than crude oil or condensate
83-TK-162	Storage Tanks/Vessels	N/A	R5112-b	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = VOC other than crude oil or condensate
83-TK-162	Storage Tanks/Vessels	N/A	R5112-c	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = Crude oil and/or condensate
83-TK-162	Storage Tanks/Vessels	N/A	60KB-b	40 CFR Part 60, Subpart Kb	No changing attributes.
83-TK-162	Storage Tanks/Vessels	N/A	60KB-c	40 CFR Part 60, Subpart Kb	No changing attributes.
83-TK-162	Storage Tanks/Vessels	N/A	60KB-d	40 CFR Part 60, Subpart Kb	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
83-TK-162	Storage Tanks/Vessels	N/A	60QQQ	40 CFR Part 60, Subpart QQQ	No changing attributes.
83-TK-162	Storage Tanks/Vessels	N/A	61FF	40 CFR Part 61, Subpart FF	No changing attributes.
83-TK-23	Storage Tanks/Vessels	N/A	R5112-a	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is less than 1.0 psia, PRODUCT STORED = VOC other than crude oil or condensate
83-TK-23	Storage Tanks/Vessels	N/A	R5112-b	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = VOC other than crude oil or condensate
83-TK-23	Storage Tanks/Vessels	N/A	R5112-c	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = Crude oil and/or condensate
83-TK-23	Storage Tanks/Vessels	N/A	60KA-b	40 CFR Part 60, Subpart Ka	No changing attributes.
83-TK-23	Storage Tanks/Vessels	N/A	60KA-c	40 CFR Part 60, Subpart Ka	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
83-TK-23	Storage Tanks/Vessels	N/A	60KA-d	40 CFR Part 60, Subpart Ka	No changing attributes.
83-TK-23	Storage Tanks/Vessels	N/A	60QQQ	40 CFR Part 60, Subpart QQQ	No changing attributes.
83-TK-25	Storage Tanks/Vessels	N/A	R5112-a	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
83-TK-25	Storage Tanks/Vessels	N/A	60KA-b	40 CFR Part 60, Subpart Ka	No changing attributes.
83-TK-25	Storage Tanks/Vessels	N/A	61FF	40 CFR Part 61, Subpart FF	No changing attributes.
83-TK-26	Storage Tanks/Vessels	N/A	R5112-a	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is less than 1.0 psia, PRODUCT STORED = VOC other than crude oil or condensate
83-TK-26	Storage Tanks/Vessels	N/A	R5112-b	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = VOC other than crude oil or condensate
83-TK-26	Storage Tanks/Vessels	N/A	R5112-c	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					to 1.5 psia, PRODUCT STORED = Crude oil and/or condensate
83-TK-26	Storage Tanks/Vessels	N/A	60KB-b	40 CFR Part 60, Subpart Kb	No changing attributes.
83-TK-26	Storage Tanks/Vessels	N/A	60KB-c	40 CFR Part 60, Subpart Kb	No changing attributes.
83-TK-26	Storage Tanks/Vessels	N/A	60KB-d	40 CFR Part 60, Subpart Kb	No changing attributes.
83-TK-26	Storage Tanks/Vessels	N/A	60QQQ	40 CFR Part 60, Subpart QQQ	No changing attributes.
83-TK-26	Storage Tanks/Vessels	N/A	63CC	40 CFR Part 63, Subpart CC	PRODUCT STORED = Refined petroleum products
83-TK-26	Storage Tanks/Vessels	N/A	63CC-b	40 CFR Part 63, Subpart CC	REID VAPOR PRESSURE = Reid vapor pressure is greater than or equal to 2.0 psia, PRODUCT STORED = Crude oil
83-TK-28	Storage Tanks/Vessels	N/A	R5112-a	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
83-V-97	Storage Tanks/Vessels	N/A	R5112-a	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is less than 1.0 psia, PRODUCT STORED = VOC other than crude oil or condensate
83-V-97	Storage Tanks/Vessels	N/A	R5112-b	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					pressure is greater than or equal to 1.5 psia, PRODUCT STORED = VOC other than crude oil or condensate
83-V-97	Storage Tanks/Vessels	N/A	R5112-c	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = Crude oil and/or condensate
83-V-97	Storage Tanks/Vessels	N/A	60KB-b	40 CFR Part 60, Subpart Kb	No changing attributes.
83-V-97	Storage Tanks/Vessels	N/A	60KB-c	40 CFR Part 60, Subpart Kb	No changing attributes.
83-V-97	Storage Tanks/Vessels	N/A	60KB-d	40 CFR Part 60, Subpart Kb	No changing attributes.
83-V-97	Storage Tanks/Vessels	N/A	60QQQ	40 CFR Part 60, Subpart QQQ	No changing attributes.
83-V-97	Storage Tanks/Vessels	N/A	61FF	40 CFR Part 61, Subpart FF	No changing attributes.
83-V-98	Storage Tanks/Vessels	N/A	R5112-a	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is less than 1.0 psia, PRODUCT STORED = VOC other than crude oil or condensate
83-V-98	Storage Tanks/Vessels	N/A	R5112-b	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = VOC other than crude oil or condensate
83-V-98	Storage Tanks/Vessels	N/A	R5112-c	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = Crude oil and/or condensate
83-V-98	Storage Tanks/Vessels	N/A	60KB-b	40 CFR Part 60, Subpart Kb	No changing attributes.
83-V-98	Storage Tanks/Vessels	N/A	60KB-c	40 CFR Part 60, Subpart Kb	No changing attributes.
83-V-98	Storage Tanks/Vessels	N/A	60KB-d	40 CFR Part 60, Subpart Kb	No changing attributes.
83-V-98	Storage Tanks/Vessels	N/A	61FF	40 CFR Part 61, Subpart FF	No changing attributes.
83-V-98	Storage Tanks/Vessels	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
GRP-EFRA1	Storage Tanks/Vessels	50-TK-57, 50-TK-59, 72-TK-14, 72-TK-15	R5112-a	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is less than 1.0 psia, PRODUCT STORED = VOC other than crude oil or condensate
GRP-EFRA1	Storage Tanks/Vessels	50-TK-57, 50-TK-59, 72-TK-14, 72-TK-15	R5112-b	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = VOC other than crude oil or condensate
GRP-EFRA1	Storage Tanks/Vessels	50-TK-57, 50-TK-59, 72-TK-14, 72-TK-15	R5112-c	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = Crude oil and/or condensate
GRP-EFRA1	Storage Tanks/Vessels	50-TK-57, 50-TK-59, 72-TK-14, 72-TK-15	60KA-b	40 CFR Part 60, Subpart Ka	No changing attributes.
GRP-EFRA1	Storage Tanks/Vessels	50-TK-57, 50-TK-59, 72-TK-14, 72-TK-15	60KA-c	40 CFR Part 60, Subpart Ka	No changing attributes.
GRP-EFRA1	Storage Tanks/Vessels	50-TK-57, 50-TK-59, 72-TK-14, 72-TK-15	60KA-d	40 CFR Part 60, Subpart Ka	No changing attributes.
GRP-EFRA1	Storage Tanks/Vessels	50-TK-57, 50-TK-59, 72-TK-14, 72-TK-15	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
GRP-ERLQA	Storage Tanks/Vessels	83-V-58, 83-V-59	R5112-a	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is less than 1.0 psia, PRODUCT STORED = VOC other than crude oil or condensate

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-ERLQA	Storage Tanks/Vessels	83-V-58, 83-V-59	R5112-b	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = VOC other than crude oil or condensate
GRP-ERLQA	Storage Tanks/Vessels	83-V-58, 83-V-59	R5112-c	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = Crude oil and/or condensate
GRP-ERLQA	Storage Tanks/Vessels	83-V-58, 83-V-59	60KB-b	40 CFR Part 60, Subpart Kb	No changing attributes.
GRP-ERLQA	Storage Tanks/Vessels	83-V-58, 83-V-59	60KB-c	40 CFR Part 60, Subpart Kb	No changing attributes.
GRP-ERLQA	Storage Tanks/Vessels	83-V-58, 83-V-59	60KB-d	40 CFR Part 60, Subpart Kb	No changing attributes.
GRP-ERLQA	Storage Tanks/Vessels	83-V-58, 83-V-59	60QQQ	40 CFR Part 60, Subpart QQQ	No changing attributes.
GRP-ERLQA	Storage Tanks/Vessels	83-V-58, 83-V-59	61FF	40 CFR Part 61, Subpart FF	No changing attributes.
GRP-ERLQA	Storage Tanks/Vessels	83-V-58, 83-V-59	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
GRP-FIXA2	Storage Tanks/Vessels	70-TK-105, 70-TK-98, 73-TK-9	R5112-a	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
GRP-FIXA2	Storage Tanks/Vessels	70-TK-105, 70-TK-98, 73-TK-9	60KA-b	40 CFR Part 60, Subpart Ka	No changing attributes.
GRP-FIXA2	Storage Tanks/Vessels	70-TK-105, 70-TK-	63CC	40 CFR Part 63, Subpart CC	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		98, 73-TK-9			
GRP-FIXAN	Storage Tanks/Vessels	70-TK-149, 70-TK-150, 72-TK-18, 72-TK-19, 72-TK-20	R5112-a	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
GRP-FIXAN	Storage Tanks/Vessels	70-TK-149, 70-TK-150, 72-TK-18, 72-TK-19, 72-TK-20	60KA-b	40 CFR Part 60, Subpart Ka	No changing attributes.
GRP-FIXAS	Storage Tanks/Vessels	43-TK-08, 43-V-10	R5112-a	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
GRP-FIXK2	Storage Tanks/Vessels	70-TK-96, 70-TK-97	R5112-a	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
GRP-FIXK2	Storage Tanks/Vessels	70-TK-96, 70-TK-97	60K-b	40 CFR Part 60, Subpart K	No changing attributes.
GRP-FIXK2	Storage Tanks/Vessels	70-TK-96, 70-TK-97	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
GRP-GDTKS	Storage Tanks/Vessels	70-TK-66, 70-TK-67, 70-TK-68	R5112-a	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is less than 1.0 psia, PRODUCT STORED = VOC other than crude oil or condensate
GRP-GDTKS	Storage Tanks/Vessels	70-TK-66, 70-TK-67, 70-TK-68	R5112-b	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = VOC other than crude oil or

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					condensate
GRP-GDTKS	Storage Tanks/Vessels	70-TK-66, 70-TK-67, 70-TK-68	R5112-c	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = Crude oil and/or condensate
GRP-GDTKS	Storage Tanks/Vessels	70-TK-66, 70-TK-67, 70-TK-68	60KB-b	40 CFR Part 60, Subpart Kb	No changing attributes.
GRP-GDTKS	Storage Tanks/Vessels	70-TK-66, 70-TK-67, 70-TK-68	60KB-c	40 CFR Part 60, Subpart Kb	No changing attributes.
GRP-GDTKS	Storage Tanks/Vessels	70-TK-66, 70-TK-67, 70-TK-68	60KB-d	40 CFR Part 60, Subpart Kb	No changing attributes.
GRP-GDTKS	Storage Tanks/Vessels	70-TK-66, 70-TK-67, 70-TK-68	63CC	40 CFR Part 63, Subpart CC	PRODUCT STORED = Refined petroleum products
GRP-GDTKS	Storage Tanks/Vessels	70-TK-66, 70-TK-67, 70-TK-68	63CC-b	40 CFR Part 63, Subpart CC	REID VAPOR PRESSURE = Reid vapor pressure is greater than or equal to 2.0 psia, PRODUCT STORED = Crude oil
GRP-IRLQAG	Storage Tanks/Vessels	72-TK-77, 72-TK-78	R5112-a	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is less than 1.0 psia, PRODUCT STORED = VOC other than crude oil or condensate

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-IRLQAG	Storage Tanks/Vessels	72-TK-77, 72-TK-78	R5112-b	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = VOC other than crude oil or condensate
GRP-IRLQAG	Storage Tanks/Vessels	72-TK-77, 72-TK-78	R5112-c	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = Crude oil and/or condensate
GRP-IRLQAG	Storage Tanks/Vessels	72-TK-77, 72-TK-78	60KA-b	40 CFR Part 60, Subpart Ka	No changing attributes.
GRP-IRLQAG	Storage Tanks/Vessels	72-TK-77, 72-TK-78	60KA-c	40 CFR Part 60, Subpart Ka	No changing attributes.
GRP-IRLQAG	Storage Tanks/Vessels	72-TK-77, 72-TK-78	60KA-d	40 CFR Part 60, Subpart Ka	No changing attributes.
GRP-IRLQAG	Storage Tanks/Vessels	72-TK-77, 72-TK-78	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
GRP-IRLQB1	Storage Tanks/Vessels	50-TK-62, 50-TK-63, 72-TK-111	R5112-a	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is less than 1.0 psia, PRODUCT STORED = VOC other than crude oil or condensate
GRP-IRLQB1	Storage Tanks/Vessels	50-TK-62, 50-TK-	R5112-b	30 TAC Chapter 115, Storage	STORAGE CAPACITY =

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		63, 72-TK-111		of VOCs	Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = VOC other than crude oil or condensate
GRP-IRLQB1	Storage Tanks/Vessels	50-TK-62, 50-TK-63, 72-TK-111	R5112-c	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = Crude oil and/or condensate
GRP-IRLQB1	Storage Tanks/Vessels	50-TK-62, 50-TK-63, 72-TK-111	60KB-b	40 CFR Part 60, Subpart Kb	No changing attributes.
GRP-IRLQB1	Storage Tanks/Vessels	50-TK-62, 50-TK-63, 72-TK-111	60KB-c	40 CFR Part 60, Subpart Kb	No changing attributes.
GRP-IRLQB1	Storage Tanks/Vessels	50-TK-62, 50-TK-63, 72-TK-111	60KB-d	40 CFR Part 60, Subpart Kb	No changing attributes.
GRP-IRLQB1	Storage Tanks/Vessels	50-TK-62, 50-TK-63, 72-TK-111	63CC	40 CFR Part 63, Subpart CC	PRODUCT STORED = Refined petroleum products
GRP-IRLQB1	Storage Tanks/Vessels	50-TK-62, 50-TK-63, 72-TK-111	63CC-b	40 CFR Part 63, Subpart CC	REID VAPOR PRESSURE = Reid vapor pressure is greater than or equal to 2.0 psia, PRODUCT STORED = Crude oil
GRP-IRLQBG	Storage Tanks/Vessels	50-TK-64, 50-TK-65	R5112-a	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					gallons, TRUE VAPOR PRESSURE = True vapor pressure is less than 1.0 psia, PRODUCT STORED = VOC other than crude oil or condensate
GRP-IRLQBG	Storage Tanks/Vessels	50-TK-64, 50-TK-65	R5112-b	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = VOC other than crude oil or condensate
GRP-IRLQBG	Storage Tanks/Vessels	50-TK-64, 50-TK-65	R5112-c	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = Crude oil and/or condensate
GRP-IRLQBG	Storage Tanks/Vessels	50-TK-64, 50-TK-65	60KB-b	40 CFR Part 60, Subpart Kb	No changing attributes.
GRP-IRLQBG	Storage Tanks/Vessels	50-TK-64, 50-TK-65	60KB-c	40 CFR Part 60, Subpart Kb	No changing attributes.
GRP-IRLQBG	Storage Tanks/Vessels	50-TK-64, 50-TK-65	60KB-d	40 CFR Part 60, Subpart Kb	No changing attributes.
GRP-IRLQBG	Storage Tanks/Vessels	50-TK-64, 50-TK-65	63CC	40 CFR Part 63, Subpart CC	PRODUCT STORED = Refined petroleum products
GRP-IRLQBG	Storage Tanks/Vessels	50-TK-64, 50-TK-65	63CC-b	40 CFR Part 63, Subpart CC	REID VAPOR PRESSURE = Reid vapor pressure is greater

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					than or equal to 2.0 psia, PRODUCT STORED = Crude oil
GRP-IRLQK1	Storage Tanks/Vessels	70-TK-101, 70-TK-102, 70-TK-103, 70-TK-108, 70-TK-137, 70-TK-94	R5112-a	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is less than 1.0 psia, PRODUCT STORED = VOC other than crude oil or condensate
GRP-IRLQK1	Storage Tanks/Vessels	70-TK-101, 70-TK-102, 70-TK-103, 70-TK-108, 70-TK-137, 70-TK-94	R5112-b	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = VOC other than crude oil or condensate
GRP-IRLQK1	Storage Tanks/Vessels	70-TK-101, 70-TK-102, 70-TK-103, 70-TK-108, 70-TK-137, 70-TK-94	R5112-c	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = Crude oil and/or condensate
GRP-IRLQK1	Storage Tanks/Vessels	70-TK-101, 70-TK-102, 70-TK-103, 70-TK-108, 70-TK-137, 70-TK-94	60K-b	40 CFR Part 60, Subpart K	No changing attributes.
GRP-IRLQK1	Storage Tanks/Vessels	70-TK-101, 70-TK-	60K-c	40 CFR Part 60, Subpart K	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		102, 70-TK-103, 70-TK-108, 70-TK-137, 70-TK-94			
GRP-IRLQK1	Storage Tanks/Vessels	70-TK-101, 70-TK-102, 70-TK-103, 70-TK-108, 70-TK-137, 70-TK-94	60K-d	40 CFR Part 60, Subpart K	No changing attributes.
GRP-IRLQK1	Storage Tanks/Vessels	70-TK-101, 70-TK-102, 70-TK-103, 70-TK-108, 70-TK-137, 70-TK-94	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
GRP-IRMTA1	Storage Tanks/Vessels	50-TK-58, 70-TK-93	R5112-a	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is less than 1.0 psia, PRODUCT STORED = VOC other than crude oil or condensate
GRP-IRMTA1	Storage Tanks/Vessels	50-TK-58, 70-TK-93	R5112-b	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = VOC other than crude oil or condensate
GRP-IRMTA1	Storage Tanks/Vessels	50-TK-58, 70-TK-93	R5112-c	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = Crude oil and/or condensate
GRP-IRMTA1	Storage Tanks/Vessels	50-TK-58, 70-TK-93	60KA-b	40 CFR Part 60, Subpart Ka	No changing attributes.
GRP-IRMTA1	Storage Tanks/Vessels	50-TK-58, 70-TK-93	60KA-c	40 CFR Part 60, Subpart Ka	No changing attributes.
GRP-IRMTA1	Storage Tanks/Vessels	50-TK-58, 70-TK-93	60KA-d	40 CFR Part 60, Subpart Ka	No changing attributes.
GRP-IRMTA1	Storage Tanks/Vessels	50-TK-58, 70-TK-93	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
GRP-IRMTAG	Storage Tanks/Vessels	72-TK-16, 72-TK-17	R5112-a	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is less than 1.0 psia, PRODUCT STORED = VOC other than crude oil or condensate
GRP-IRMTAG	Storage Tanks/Vessels	72-TK-16, 72-TK-17	R5112-b	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = VOC other than crude oil or condensate
GRP-IRMTAG	Storage Tanks/Vessels	72-TK-16, 72-TK-17	R5112-c	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					pressure is greater than or equal to 1.5 psia, PRODUCT STORED = Crude oil and/or condensate
GRP-IRMTAG	Storage Tanks/Vessels	72-TK-16, 72-TK-17	60KA-b	40 CFR Part 60, Subpart Ka	No changing attributes.
GRP-IRMTAG	Storage Tanks/Vessels	72-TK-16, 72-TK-17	60KA-c	40 CFR Part 60, Subpart Ka	No changing attributes.
GRP-IRMTAG	Storage Tanks/Vessels	72-TK-16, 72-TK-17	60KA-d	40 CFR Part 60, Subpart Ka	No changing attributes.
GRP-IRMTAG	Storage Tanks/Vessels	72-TK-16, 72-TK-17	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
GRP-IRMTB1	Storage Tanks/Vessels	70-TK-115, 70-TK-116, 72-TK-112, TK-114	R5112-a	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is less than 1.0 psia, PRODUCT STORED = VOC other than crude oil or condensate
GRP-IRMTB1	Storage Tanks/Vessels	70-TK-115, 70-TK-116, 72-TK-112, TK-114	R5112-b	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = VOC other than crude oil or condensate
GRP-IRMTB1	Storage Tanks/Vessels	70-TK-115, 70-TK-116, 72-TK-112, TK-114	R5112-c	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					to 1.5 psia, PRODUCT STORED = Crude oil and/or condensate
GRP-IRMTB1	Storage Tanks/Vessels	70-TK-115, 70-TK-116, 72-TK-112, TK-114	60KB-b	40 CFR Part 60, Subpart Kb	No changing attributes.
GRP-IRMTB1	Storage Tanks/Vessels	70-TK-115, 70-TK-116, 72-TK-112, TK-114	60KB-c	40 CFR Part 60, Subpart Kb	No changing attributes.
GRP-IRMTB1	Storage Tanks/Vessels	70-TK-115, 70-TK-116, 72-TK-112, TK-114	60KB-d	40 CFR Part 60, Subpart Kb	No changing attributes.
GRP-IRMTB1	Storage Tanks/Vessels	70-TK-115, 70-TK-116, 72-TK-112, TK-114	63CC	40 CFR Part 63, Subpart CC	PRODUCT STORED = Refined petroleum products
GRP-IRMTB1	Storage Tanks/Vessels	70-TK-115, 70-TK-116, 72-TK-112, TK-114	63CC-b	40 CFR Part 63, Subpart CC	REID VAPOR PRESSURE = Reid vapor pressure is greater than or equal to 2.0 psia, PRODUCT STORED = Crude oil
GRP-IRMTBG	Storage Tanks/Vessels	72-TK-75, TK76	R5112-a	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is less than 1.0 psia, PRODUCT STORED = VOC other than crude oil or condensate
GRP-IRMTBG	Storage Tanks/Vessels	72-TK-75, TK76	R5112-b	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = VOC other than crude oil or condensate
GRP-IRMTBG	Storage Tanks/Vessels	72-TK-75, TK76	R5112-c	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = Crude oil and/or condensate
GRP-IRMTBG	Storage Tanks/Vessels	72-TK-75, TK76	60KB-b	40 CFR Part 60, Subpart Kb	No changing attributes.
GRP-IRMTBG	Storage Tanks/Vessels	72-TK-75, TK76	60KB-c	40 CFR Part 60, Subpart Kb	No changing attributes.
GRP-IRMTBG	Storage Tanks/Vessels	72-TK-75, TK76	60KB-d	40 CFR Part 60, Subpart Kb	No changing attributes.
GRP-IRMTBG	Storage Tanks/Vessels	72-TK-75, TK76	63CC	40 CFR Part 63, Subpart CC	PRODUCT STORED = Refined petroleum products
GRP-IRMTBG	Storage Tanks/Vessels	72-TK-75, TK76	63CC-b	40 CFR Part 63, Subpart CC	REID VAPOR PRESSURE = Reid vapor pressure is greater than or equal to 2.0 psia, PRODUCT STORED = Crude oil
GRP-IRMTBQ	Storage Tanks/Vessels	83-TK-159, 83-TK-160	R5112-a	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is less than 1.0 psia, PRODUCT STORED = VOC

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					other than crude oil or condensate
GRP-IRMTBQ	Storage Tanks/Vessels	83-TK-159, 83-TK-160	R5112-b	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = VOC other than crude oil or condensate
GRP-IRMTBQ	Storage Tanks/Vessels	83-TK-159, 83-TK-160	R5112-c	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = Crude oil and/or condensate
GRP-IRMTBQ	Storage Tanks/Vessels	83-TK-159, 83-TK-160	60KB-b	40 CFR Part 60, Subpart Kb	No changing attributes.
GRP-IRMTBQ	Storage Tanks/Vessels	83-TK-159, 83-TK-160	60KB-c	40 CFR Part 60, Subpart Kb	No changing attributes.
GRP-IRMTBQ	Storage Tanks/Vessels	83-TK-159, 83-TK-160	60KB-d	40 CFR Part 60, Subpart Kb	No changing attributes.
GRP-IRMTBQ	Storage Tanks/Vessels	83-TK-159, 83-TK-160	60QQQ	40 CFR Part 60, Subpart QQQ	No changing attributes.
GRP-IRMTBQ	Storage Tanks/Vessels	83-TK-159, 83-TK-160	61FF	40 CFR Part 61, Subpart FF	No changing attributes.
GRP-IRMTBQ	Storage Tanks/Vessels	83-TK-159, 83-TK-	63CC	40 CFR Part 63, Subpart CC	PRODUCT STORED = Refined

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		160			petroleum products
GRP-IRMTBQ	Storage Tanks/Vessels	83-TK-159, 83-TK-160	63CC-b	40 CFR Part 63, Subpart CC	REID VAPOR PRESSURE = Reid vapor pressure is greater than or equal to 2.0 psia, PRODUCT STORED = Crude oil
GRP-IRMTK1	Storage Tanks/Vessels	70-TK-100, 70-TK-104, 70-TK-139, 70-TK-99	R5112-a	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is less than 1.0 psia, PRODUCT STORED = VOC other than crude oil or condensate
GRP-IRMTK1	Storage Tanks/Vessels	70-TK-100, 70-TK-104, 70-TK-139, 70-TK-99	R5112-b	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = VOC other than crude oil or condensate
GRP-IRMTK1	Storage Tanks/Vessels	70-TK-100, 70-TK-104, 70-TK-139, 70-TK-99	R5112-c	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = Crude oil and/or condensate
GRP-IRMTK1	Storage Tanks/Vessels	70-TK-100, 70-TK-104, 70-TK-139, 70-TK-99	60K-b	40 CFR Part 60, Subpart K	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		TK-99			
GRP-IRMTK1	Storage Tanks/Vessels	70-TK-100, 70-TK-104, 70-TK-139, 70-TK-99	60K-c	40 CFR Part 60, Subpart K	No changing attributes.
GRP-IRMTK1	Storage Tanks/Vessels	70-TK-100, 70-TK-104, 70-TK-139, 70-TK-99	60K-d	40 CFR Part 60, Subpart K	No changing attributes.
GRP-IRMTK1	Storage Tanks/Vessels	70-TK-100, 70-TK-104, 70-TK-139, 70-TK-99	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
TK-51	Storage Tanks/Vessels	N/A	R5112-a	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is less than 1.0 psia, PRODUCT STORED = VOC other than crude oil or condensate
TK-51	Storage Tanks/Vessels	N/A	R5112-b	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = VOC other than crude oil or condensate
TK-51	Storage Tanks/Vessels	N/A	R5112-c	30 TAC Chapter 115, Storage of VOCs	STORAGE CAPACITY = Capacity is greater than 40,000 gallons, TRUE VAPOR

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					PRESSURE = True vapor pressure is greater than or equal to 1.5 psia, PRODUCT STORED = Crude oil and/or condensate
TK-51	Storage Tanks/Vessels	N/A	60KB-b	40 CFR Part 60, Subpart Kb	No changing attributes.
TK-51	Storage Tanks/Vessels	N/A	60KB-c	40 CFR Part 60, Subpart Kb	No changing attributes.
TK-51	Storage Tanks/Vessels	N/A	60KB-d	40 CFR Part 60, Subpart Kb	No changing attributes.
TK-51	Storage Tanks/Vessels	N/A	63CC	40 CFR Part 63, Subpart CC	PRODUCT STORED = Refined petroleum products
TK-51	Storage Tanks/Vessels	N/A	63CC-b	40 CFR Part 63, Subpart CC	REID VAPOR PRESSURE = Reid vapor pressure is greater than or equal to 2.0 psia, PRODUCT STORED = Crude oil
GRPTURNJET	Vacuum Producing Systems	36J01, 38J01, 47J01, 49J01, SP-1271	R5311a	30 TAC Chapter 115, Unit Turn & Vac System-Pet Ref	No changing attributes.
GRP-VACJET	Vacuum Producing Systems	02J01, 02J02, 02J03, 02J04, 02J05, 02J06	R5311a	30 TAC Chapter 115, Unit Turn & Vac System-Pet Ref	CONTROL DEVICE = Any other vapor recovery system
GRP-VACJET	Vacuum Producing Systems	02J01, 02J02, 02J03, 02J04, 02J05, 02J06	R5311b	30 TAC Chapter 115, Unit Turn & Vac System-Pet Ref	CONTROL DEVICE = Smokeless flare
APISEP	Volatile Organic Compound Water Separators	N/A	R5131	30 TAC Chapter 115, Water Separation	No changing attributes.
APISEP	Volatile Organic Compound Water Separators	N/A	60QQQ	40 CFR Part 60, Subpart QQQ	No changing attributes.
APISEP	Volatile Organic Compound	N/A	60FF-a	40 CFR Part 61, Subpart FF	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	Water Separators				

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
30-B-02	EU	6oDb	SO ₂	40 CFR Part 60, Subpart Db	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(e) § 60.107(f)
30-B-02	EU	6oDb	PM	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
30-B-02	EU	6oDb	PM (OPACITY)	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
30-B-02	EU	6oDb	NO _x	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).			§ 60.49b(a)(3)
30-B-03	EU	6oDb	SO ₂	40 CFR Part 60, Subpart Db	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(e) § 60.107(f)
30-B-03	EU	6oDb	PM	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
30-B-03	EU	6oDb	PM (OPACITY)	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).			
30-B-03	EU	6oDb	NO _x	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
30-B-04	EU	6oDb	SO ₂	40 CFR Part 60, Subpart Db	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(e) § 60.107(f)
30-B-04	EU	6oDb	PM	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).			
30-B-04	EU	60Db	PM (OPACITY)	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
30-B-04	EU	60Db	NO _x	40 CFR Part 60, Subpart Db	§ 60.44b(l)(1) § 60.44b(h) § 60.44b(i) § 60.46b(a)	Affected facilities combusting coal, oil, or natural gas, or a mixture of these fuels, or any other fuels: a limit of 86 ng/JI (0.20 lb/million Btu) heat input unless the affected facility meets the specified requirements.	§ 60.46b(c) § 60.46b(e) § 60.46b(e)(1) § 60.46b(e)(3) [G]§ 60.48b(b) § 60.48b(c) § 60.48b(d) § 60.48b(e) [G]§ 60.48b(e)(2) § 60.48b(e)(3) § 60.48b(f)	[G]§ 60.48b(b) § 60.48b(c) [G]§ 60.49b(d) [G]§ 60.49b(g) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3) § 60.49b(b) § 60.49b(h) § 60.49b(i) § 60.49b(v) § 60.49b(w)
30-B-04	EU	63DDDDD	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD
WWTP-FUG	CD	61FF-DRAINS	BENZENE	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii)	For each closed-vent system and control device used to comply	§ 61.349(a)(1)(i) § 61.349(e) § 61.349(f)	§ 61.355(i)(1) § 61.355(i)(3)(ii)(A) § 61.356(f)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device.	§ 61.354(d) [G]§ 61.355(h) § 61.355(i)(1) § 61.355(i)(2) § 61.355(i)(3)(i) § 61.355(i)(3)(ii) § 61.355(i)(3)(ii)(A) § 61.355(i)(3)(ii)(B) § 61.355(i)(3)(ii)(C) § 61.355(i)(3)(iii) § 61.355(i)(3)(iv) § 61.355(i)(4)	§ 61.356(f)(1) § 61.356(f)(2)(i)(G) [G]§ 61.356(f)(3) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3)	
GRP-NNN	EP	6oNNNa	VOC/TOC	40 CFR Part 60, Subpart NNN	§ 60.662(a)	Affected facilities shall reduce TOC emissions by 98 weight-percent or to a concentration of 20ppmv, whichever is less stringent. Introduce the stream into the flame zone of a boiler/process heater.	§ 60.663(f) § 60.664(a)	§ 60.665(b) § 60.665(p)	§ 60.663(f) § 60.665(a) § 60.665(b) § 60.665(k) § 60.665(l) § 60.665(p)
GRP-NNN	EP	6oNNNb	VOC/TOC	40 CFR Part 60, Subpart NNN	§ 60.662(b) § 60.18	Each affected facility shall combust the emissions in a flare that meets the requirements of § 60.18.	§ 60.663(b) § 60.663(b)(1) § 60.663(b)(2) § 60.664(a) § 60.664(d) [G]§ 60.664(e)	§ 60.663(b)(2) § 60.665(b) § 60.665(b)(3) § 60.665(d) § 60.665(f)	§ 60.665(a) § 60.665(b) § 60.665(b)(3) § 60.665(k) § 60.665(l) § 60.665(l)(2) § 60.665(l)(4)
02-V-12	EP	R5121	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(b) § 115.122(b) § 115.122(b)(2)	In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b).	[G]§ 115.125 § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(2)	None
02-V-12	EP	63CC	112(B)	40 CFR Part 63,	§ 63.643(a)	The owner or operator	§ 63.116(a)(2)	§ 63.642(e)	§ 63.642(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
			HAPS	Subpart CC	§ 63.11(b) § 63.643(a)(1)	of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2).	§ 63.116(a)(3) § 63.644(a) § 63.644(a)(2) § 63.644(e) § 63.645(a) § 63.645(i)	§ 63.655(h)(1) § 63.655(i)(5)	[G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(ii) [G]§ 63.655(f)(1)(iv) [G]§ 63.655(f)(2) § 63.655(f)(4) § 63.655(g) § 63.655(g)(6) § 63.655(h) § 63.655(h)(1)
38-V-54	EP	R5121	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(b) § 115.122(b) § 115.122(b)(3)	In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b).	[G]§ 115.125 § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(2)	None
38-V-54	EP	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(a) § 63.116(b) § 63.643(a)(2) § 63.643(b)	The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2).	§ 63.644(a) § 63.644(a)(3) § 63.644(d) § 63.644(e) § 63.645(a)	§ 63.642(e) § 63.655(h)(1) § 63.655(i)(5)	§ 63.642(f) § 63.644(d) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(ii) [G]§ 63.655(f)(2) [G]§ 63.655(f)(3) § 63.655(f)(4) § 63.655(h) § 63.655(h)(1)
38-V-55	EP	R5121	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(b) § 115.122(b) § 115.122(b)(3)	In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b).	[G]§ 115.125 § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
38-V-55	EP	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(a) § 63.116(b) § 63.643(a)(2) § 63.643(b)	The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2).	§ 63.644(a) § 63.644(a)(3) § 63.644(d) § 63.644(e) § 63.645(a)	§ 63.642(e) § 63.655(h)(1) § 63.655(i)(5)	§ 63.642(f) § 63.644(d) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(ii) [G]§ 63.655(f)(2) [G]§ 63.655(f)(3) § 63.655(f)(4) § 63.655(h) § 63.655(h)(1)
44-V-01	EP	R5121	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(b) § 115.122(b) § 115.122(b)(2)	In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b).	[G]§ 115.125 § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(2)	None
44-V-01	EP	63CCa	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(a) § 63.11(b) § 63.643(a)(1)	The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2).	§ 63.116(a)(2) § 63.116(a)(3) § 63.644(a) § 63.644(a)(2) § 63.644(e) § 63.645(a) § 63.645(i)	§ 63.642(e) § 63.655(h)(1) § 63.655(i)(5)	§ 63.642(f) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(ii) [G]§ 63.655(f)(1)(iv) [G]§ 63.655(f)(2) § 63.655(f)(4) § 63.655(g) § 63.655(g)(6) § 63.655(h) § 63.655(h)(1)
47-V-02	EP	R5121	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(b) § 115.122(b) § 115.122(b)(3)	In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b).	[G]§ 115.125 § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
47-V-02	EP	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(a) § 63.116(b) § 63.643(a)(2) § 63.643(b)	The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2).	§ 63.644(a) § 63.644(a)(3) § 63.644(d) § 63.644(e) § 63.645(a)	§ 63.642(e) § 63.655(h)(1) § 63.655(i)(5)	§ 63.642(f) § 63.644(d) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(ii) [G]§ 63.655(f)(2) [G]§ 63.655(f)(3) § 63.655(f)(4) § 63.655(h) § 63.655(h)(1)
48-V-01	EP	R5121	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(b) § 115.122(b) § 115.122(b)(3)	In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b).	[G]§ 115.125 § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(2)	None
48-V-01	EP	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(a) § 63.116(b) § 63.643(a)(2) § 63.643(b)	The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2).	§ 63.644(a) § 63.644(a)(3) § 63.644(d) § 63.644(e) § 63.645(a)	§ 63.642(e) § 63.655(h)(1) § 63.655(i)(5)	§ 63.642(f) § 63.644(d) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(ii) [G]§ 63.655(f)(2) [G]§ 63.655(f)(3) § 63.655(f)(4) § 63.655(h) § 63.655(h)(1)
49-V-01	EP	R5121	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(b) § 115.122(b) § 115.122(b)(2)	In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b).	[G]§ 115.125 § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49-V-01	EP	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(a) § 63.11(b) § 63.643(a)(1)	The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2).	§ 63.116(a)(2) § 63.116(a)(3) § 63.644(a) § 63.644(a)(2) § 63.644(e) § 63.645(a) § 63.645(i)	§ 63.642(e) § 63.655(h)(1) § 63.655(i)(5)	§ 63.642(f) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(ii) [G]§ 63.655(f)(1)(iv) [G]§ 63.655(f)(2) § 63.655(f)(4) § 63.655(g) § 63.655(g)(6) § 63.655(h) § 63.655(h)(1)
GRP-EPN118	EP	R5121	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(b) § 115.122(b) § 115.122(b)(3)	In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b).	[G]§ 115.125 § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(2)	None
GRP-EPN118	EP	R5121a	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(b) § 115.122(b) § 115.122(b)(3)	In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b).	[G]§ 115.125 § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(2)	None
GRP-EPN121	EU	R1151	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in §111.151, except as provided by §111.153. [§111.151(a)-(c)]	** See CAM Summary	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-EPN121	EP	R1111	OPACITY	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E) § 111.111(a)(3)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See CAM Summary	None	None
GRP-EPN126A	EP	R5121	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(b) § 115.122(b) § 115.122(b)(2)	In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b).	[G]§ 115.125 § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(2)	None
GRP-EPN126A	EP	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(a) § 63.11(b) § 63.643(a)(1)	The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2).	§ 63.116(a)(2) § 63.116(a)(3) § 63.644(a) § 63.644(a)(2) § 63.644(e) § 63.645(a) § 63.645(i)	§ 63.642(e) § 63.655(h)(1) § 63.655(i)(5)	§ 63.642(f) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(ii) [G]§ 63.655(f)(1)(iv) [G]§ 63.655(f)(2) § 63.655(f)(4) § 63.655(g) § 63.655(g)(6) § 63.655(h) § 63.655(h)(1)
GRP-EPN126B	EP	R5121	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(b) § 115.122(b) § 115.122(b)(2)	In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b).	[G]§ 115.125 § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(2)	None
GRP-EPN126B	EP	R5121a	VOC	30 TAC Chapter	§ 115.121(b)	In Nueces and Victoria	[G]§ 115.125	§ 115.126	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				115, Vent Gas Controls	§ 115.122(b) § 115.122(b)(3)	Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b).	§ 115.126(2) ** See Periodic Monitoring Summary	§ 115.126(2)	
GRP-EPN126B	EP	63CCa	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(a) § 63.11(b) § 63.643(a)(1)	The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2).	§ 63.116(a)(2) § 63.116(a)(3) § 63.644(a) § 63.644(a)(2) § 63.644(e) § 63.645(a) § 63.645(i)	§ 63.642(e) § 63.655(h)(1) § 63.655(i)(5)	§ 63.642(f) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(ii) [G]§ 63.655(f)(1)(iv) [G]§ 63.655(f)(2) § 63.655(f)(4) § 63.655(g) § 63.655(g)(6) § 63.655(h) § 63.655(h)(1)
GRP-EPN126B	EP	63CCb	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(a) § 63.116(b) § 63.643(a)(2) § 63.643(b)	The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2).	§ 63.644(a) § 63.644(a)(3) § 63.644(d) § 63.644(e) § 63.645(a)	§ 63.642(e) § 63.655(h)(1) § 63.655(i)(5)	§ 63.642(f) § 63.644(d) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(ii) [G]§ 63.655(f)(2) [G]§ 63.655(f)(3) § 63.655(f)(4) § 63.655(h) § 63.655(h)(1)
GRP-EPN135	EP	R5121	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(b) § 115.122(b) § 115.122(b)(2)	In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b).	[G]§ 115.125 § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-EPN135	EP	63CCa	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(a) § 63.11(b) § 63.643(a)(1)	The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2).	§ 63.116(a)(2) § 63.116(a)(3) § 63.644(a) § 63.644(a)(2) § 63.644(e) § 63.645(a) § 63.645(i)	§ 63.642(e) § 63.655(h)(1) § 63.655(i)(5)	§ 63.642(f) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(ii) [G]§ 63.655(f)(1)(iv) [G]§ 63.655(f)(2) § 63.655(f)(4) § 63.655(g) § 63.655(g)(6) § 63.655(h) § 63.655(h)(1)
13-H-01A	EU	60J	HYDROGEN SULFIDE	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104 § 60.104(a)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
13-H-01A	EU	60J-low	HYDROGEN SULFIDE	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104 § 60.104(a)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or	§ 60.105(a) [G]§ 60.105(a)(4)(iv) [G]§ 60.105(b) § 60.105(e) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a) [G]§ 60.105(a)(4)(iv) § 60.107(e)	[G]§ 60.105(b) § 60.105(e) § 60.107(f) § 60.107(g)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.			
13-H-01B	EU	60J	HYDROGEN SULFIDE	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104 § 60.104(a)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
13-H-01B	EU	60J-low	HYDROGEN SULFIDE	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104 § 60.104(a)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt	§ 60.105(a) [G]§ 60.105(a)(4)(iv) [G]§ 60.105(b) § 60.105(e) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a) [G]§ 60.105(a)(4)(iv) § 60.107(e)	[G]§ 60.105(b) § 60.105(e) § 60.107(f) § 60.107(g)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						from this paragraph.			
13-H-01C	EU	60J	HYDROGEN SULFIDE	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104 § 60.104(a)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
13-H-01C	EU	60J-low	HYDROGEN SULFIDE	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104 § 60.104(a)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.	§ 60.105(a) [G]§ 60.105(a)(4)(iv) [G]§ 60.105(b) § 60.105(e) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a) [G]§ 60.105(a)(4)(iv) § 60.107(e)	[G]§ 60.105(b) § 60.105(e) § 60.107(f) § 60.107(g)
24-ST-01	EU	60J	SO ₂	40 CFR Part 60, Subpart J	§ 60.104(b)(1) § 60.104 § 60.104(b) § 60.104(c)	For each affected fluid catalytic cracking unit catalyst regenerator with an add-on control	§ 60.105(a) § 60.105(a)(10) § 60.105(a)(11) [G]§ 60.105(a)(12)	§ 60.105(a) § 60.105(a)(10) § 60.105(a)(11) [G]§ 60.105(a)(13)	§ 60.107(a) § 60.107(c) [G]§ 60.107(c)(1) § 60.107(c)(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.104(d)	device, reduce sulfur dioxide emissions to the atmosphere by 90 percent or maintain sulfur dioxide emissions to the atmosphere less than or equal to 50 ppm by volume, whichever is less stringent.	[G]§ 60.105(a)(13) [G]§ 60.105(a)(9) § 60.106(a) § 60.106(g) [G]§ 60.106(h) [G]§ 60.106(k) § 60.108(a) § 60.108(c) § 60.108(d) § 60.108(e)	[G]§ 60.105(a)(9) § 60.107(b) [G]§ 60.107(b)(1) § 60.107(b)(4)	[G]§ 60.107(c)(3) [G]§ 60.107(c)(4) § 60.107(d) § 60.107(e) § 60.107(f) § 60.107(g)
24-ST-01	EU	60J	CO	40 CFR Part 60, Subpart J	§ 60.103(a) § 60.103	No owner or operator shall discharge or cause the discharge into the atmosphere from any fluid catalytic cracking unit catalyst regenerator any gases that contain carbon monoxide (CO) in excess of 500 ppm by volume (dry basis).	§ 60.105(a) [G]§ 60.105(a)(2) § 60.105(c) § 60.105(e) § 60.105(e)(2) § 60.106(a) § 60.106(d)	§ 60.105(a) [G]§ 60.105(a)(2) § 60.105(c)	§ 60.105(e) § 60.105(e)(2) § 60.107(f) § 60.107(g)
24-ST-01	EU	60J	PM	40 CFR Part 60, Subpart J	§ 60.102(a)(1) § 60.102 § 60.102(a)	No owner or operator subject to the provisions of this subpart shall discharge or cause the discharge into the atmosphere from any fluid catalytic cracking unit catalyst regenerator particulate matter in excess of 1.0 kg/Mg (2.0 lb/ton) of coke burn-off in the catalyst regenerator.	§ 60.105(c) § 60.106(a) [G]§ 60.106(b) ** See CAM Summary	§ 60.105(c)	None
24-ST-01	EU	60J	PM (OPACITY)	40 CFR Part 60, Subpart J	§ 60.102(a)(2) § 60.102 § 60.102(a)	No owner or operator subject to the provisions of this subpart shall discharge or cause the discharge into the atmosphere from any	§ 60.105(a) § 60.105(a)(1) § 60.105(c) § 60.105(e) § 60.105(e)(1) § 60.106(a)	§ 60.105(a) § 60.105(a)(1) § 60.105(c)	§ 60.105(e) § 60.105(e)(1) § 60.107(f) § 60.107(g)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						fluid catalytic cracking unit catalyst regenerator gases exhibiting greater than 30 percent opacity, except for one six-minute average opacity reading in any one hour period.	[G]§ 60.106(b) ** See CAM Summary *See Alternative Requirement		
24-ST-01	EU	63UUU	CO	40 CFR Part 63, Subpart UUU	§ 63.1565(a)(1)-Table8.1 § 63.1565(a)(1) § 63.1565(a)(2) § 63.1565(a)(2)-Table9.1 § 63.1565(a)(3) § 63.1565(a)(4) § 63.1565(b)(3) § 63.1565(b)(4) § 63.1565(b)(4)-Table12.1 § 63.1565(c)(1) § 63.1565(c)(2) § 63.1570(a) § 63.1570(c) § 63.1570(d) § 63.1570(g) [G]§ 63.1571(e)	For each new and existing CCU subject to the NSPS for CO in 40 CFR §60.103 or electing to comply with the NSPS requirements (Option 1), CO emissions from the catalyst regenerator vent or CO boiler serving the CCU must not exceed 500 parts per million volume (ppmv) (dry basis).	§ 63.1565(b)(1) § 63.1565(b)(1)-Table10.1 § 63.1565(c)(1)-Table13.1 § 63.1565(c)(1)-Table14.1 [G]§ 63.1571(b) § 63.1572(a) § 63.1572(a)(1) § 63.1572(a)(1)-Table40.2 § 63.1572(a)(2) § 63.1572(a)(3) § 63.1572(a)(4) [G]§ 63.1572(d) [G]§ 63.1573(a)(2)	§ 63.1565(b)(1)-Table10.1 § 63.1570(c) [G]§ 63.1576(a) [G]§ 63.1576(b) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	§ 63.1565(b)(5) § 63.1565(b)(6) § 63.1570(f) § 63.1571(a) [G]§ 63.1574(a) § 63.1574(d) § 63.1574(d)-Table42.1 § 63.1574(d)-Table42.2 § 63.1574(d)-Table42.3 § 63.1575(a) § 63.1575(a)-Table43.1 [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(e) [G]§ 63.1575(f) § 63.1575(g) [G]§ 63.1575(h) [G]§ 63.1575(i)
24-ST-01	EU	63UUU	PM	40 CFR Part 63, Subpart UUU	§ 63.1564(a)(1)-Table1.1 § 63.1564(a)(1) § 63.1564(a)(3) § 63.1564(a)(4) § 63.1564(b)(5) § 63.1564(b)(5)-Table5.1 § 63.1570(a) § 63.1570(c) § 63.1570(d) § 63.1570(g)	For each new or existing CCU subject to NSPS for PM in 40 CFR §60.102, PM emissions must not exceed 1.0 kg/1,000 kg (1.0 lb/1,000 lbs) of coke burn-off in the catalyst regenerator and, if applicable, the incremental rate of PM emissions must not exceed 43.0 g/GJ (0.10	§ 63.1564(c)(1)-Table6.1.a.i [G]§ 63.1572(d)	§ 63.1564(c)(2) § 63.1570(c) [G]§ 63.1576(a) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	§ 63.1564(b)(6) § 63.1564(b)(7) § 63.1570(f) § 63.1573(f)(3) [G]§ 63.1574(a) § 63.1574(d) § 63.1574(d)-Table42.1 § 63.1574(d)-Table42.2 § 63.1574(d)-Table42.3 § 63.1575(a) § 63.1575(a)-Table43.1 [G]§ 63.1575(b)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.1573(f)(1) § 63.1573(f)(2)	lb/MMBtu of heat input attributable to auxiliary or supplemental fired liquid or solid fossil fuel.			[G]§ 63.1575(c) [G]§ 63.1575(d) [G]§ 63.1575(f) § 63.1575(g) [G]§ 63.1575(h) [G]§ 63.1575(i)
24-ST-01	EU	63UUU	PM (OPACITY)	40 CFR Part 63, Subpart UUU	§ 63.1564(a)(1)-Table1.1 § 63.1564(a)(1) § 63.1564(a)(1) § 63.1564(a)(3) § 63.1564(a)(4) § 63.1564(b)(5) § 63.1564(b)(5)-Table5.1 § 63.1570(b) § 63.1570(c) § 63.1570(d) § 63.1570(g) [G]§ 63.1573(f)(1) § 63.1573(f)(2)	For each new or existing CCU subject to NSPS for PM in 40 CFR §60.102, opacity of emissions must not exceed 30%, except for one 6-minute average opacity reading in any 1-hour period.	§ 63.1564(c)(1)-Table6.1.a.i [G]§ 63.1572(d)	§ 63.1564(c)(2) § 63.1570(c) [G]§ 63.1576(a) [G]§ 63.1576(b) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	§ 63.1564(b)(6) § 63.1564(b)(7) § 63.1570(f) § 63.1573(f)(3) [G]§ 63.1574(a) § 63.1574(d) § 63.1574(d)-Table42.1 § 63.1574(d)-Table42.2 § 63.1574(d)-Table42.3 § 63.1575(a) § 63.1575(a)-Table43.1 [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(d) [G]§ 63.1575(f) § 63.1575(g) [G]§ 63.1575(h) [G]§ 63.1575(i)
30-B-04	EU	60Ja	SO2	40 CFR Part 60, Subpart Ja	§ 60.100a(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 60, Subpart Ja	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart Ja	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 60, Subpart Ja	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 60, Subpart Ja	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 60, Subpart Ja
31-H-01	EU	60Ja	SO2	40 CFR Part 60, Subpart Ja	§ 60.100a(a) The permit holder shall comply with the applicable limitation, standard and/or	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart Ja	The permit holder shall comply with the applicable monitoring and testing requirements of 40	The permit holder shall comply with the applicable recordkeeping requirements of 40	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 60, Subpart Ja

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					equipment specification requirements of 40 CFR Part 60, Subpart Ja		CFR Part 60, Subpart Ja	CFR Part 60, Subpart Ja	
38-H-01	EU	60J	HYDROGEN SULFIDE	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104 § 60.104(a)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
38-H-01	EU	60J-low	HYDROGEN SULFIDE	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104 § 60.104(a)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.	§ 60.105(a) [G]§ 60.105(a)(4)(iv) [G]§ 60.105(b) § 60.105(e) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a) [G]§ 60.105(a)(4)(iv) § 60.107(e)	[G]§ 60.105(b) § 60.105(e) § 60.107(f) § 60.107(g)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
38-H-02	EU	60J	HYDROGEN SULFIDE	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104 § 60.104(a)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
38-H-02	EU	60J-low	HYDROGEN SULFIDE	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104 § 60.104(a)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.	§ 60.105(a) [G]§ 60.105(a)(4)(iv) [G]§ 60.105(b) § 60.105(e) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a) [G]§ 60.105(a)(4)(iv) § 60.107(e)	[G]§ 60.105(b) § 60.105(e) § 60.107(f) § 60.107(g)
41-H-07	EU	60J	HYDROGEN SULFIDE	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104 § 60.104(a)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii)	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.	§ 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)		
46-H-01	EU	60J	HYDROGEN SULFIDE	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104 § 60.104(a)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
48-H-01	EU	60J	HYDROGEN SULFIDE	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104 § 60.104(a)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.			
48-H-01	EU	60J-AMP	HYDROGEN SULFIDE	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104 § 60.104(a)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.	§ 60.105(a) [G]§ 60.105(a)(3) § 60.105(e) § 60.105(e)(3)(i) § 60.106(a) [G]§ 60.106(e)(1) § 60.106(e)(2) *See Alternative Requirement	§ 60.105(a) [G]§ 60.105(a)(3)	§ 60.105(e) § 60.105(e)(3)(i) § 60.107(f) § 60.107(g)
49CRU	EU	63UUU	112(B) HAPS	40 CFR Part 63, Subpart UUU	§ 63.1569(a)(1)(i)-Table36.1 § 63.1569(a)(1) § 63.1569(a)(3) § 63.1569(b)(2) § 63.1569(b)(2)-Table38.1.a § 63.1569(c)(1) § 63.1570(a) § 63.1570(c) § 63.1570(d) § 63.1570(g)	If you elect to install an automated system (Option 1), you must install and operate a device (including a flow indicator, level recorder, or electronic valve position monitor) to demonstrate, either continuously or at least every hour, whether flow is present in the bypass line. Install the device at or near as practical to the entrance to any	§ 63.1569(b)(1) § 63.1569(b)(1)-Table37.1 § 63.1569(c)(1)-Table39.1 § 63.1571(a) § 63.1571(a)(1) [G]§ 63.1571(b)	§ 63.1569(b)(1)-Table37.1 § 63.1569(c)(1)-Table39.1 § 63.1569(c)(1)-Table39.5 § 63.1570(f) § 63.1571(a) [G]§ 63.1574(a) § 63.1574(d) § 63.1574(d)-Table42.1 § 63.1574(d)-Table42.2 § 63.1574(d)-Table42.3 § 63.1575(a) § 63.1575(a)-Table43.1 [G]§ 63.1575(b) [G]§ 63.1575(c)	§ 63.1569(b)(3) § 63.1569(b)(4) § 63.1569(c)(1)-Table39.5 § 63.1570(f) § 63.1571(a) [G]§ 63.1574(a) § 63.1574(d) § 63.1574(d)-Table42.1 § 63.1574(d)-Table42.2 § 63.1574(d)-Table42.3 § 63.1575(a) § 63.1575(a)-Table43.1 [G]§ 63.1575(b) [G]§ 63.1575(c)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						bypass line that could divert the vent stream away from the control device to the atmosphere.			[G]§ 63.1575(d) [G]§ 63.1575(f) § 63.1575(g) [G]§ 63.1575(h)
49CRU	EU	63UUU	HYDROGEN CHLORIDE	40 CFR Part 63, Subpart UUU	§ 63.1567(a)(1)-Table22.2 § 63.1567(a)(1) § 63.1567(a)(1)(i) § 63.1567(a)(1)(ii) § 63.1567(a)(2) § 63.1567(a)(2)-Table23.1 § 63.1567(a)(3) § 63.1567(b)(3) § 63.1567(b)(4) § 63.1567(b)(4)(i) § 63.1567(b)(5) § 63.1567(b)(5)-Table26.2 § 63.1567(c)(1) § 63.1570(a) § 63.1570(c) § 63.1570(d) § 63.1570(g) § 63.1571(d)(4) [G]§ 63.1571(e)	For each existing cyclic or continuous CRU, you must reduce uncontrolled emissions of HCl by 97 percent by weight or to a concentration of 10 ppmv (dry basis), corrected to 3% oxygen.	§ 63.1567(b)(1) § 63.1567(b)(1)-Table24.1 § 63.1567(b)(2) § 63.1567(b)(2)-Table25.1.a.(1) § 63.1567(b)(2)-Table25.1.a.(2) § 63.1567(b)(2)-Table25.1.b § 63.1567(b)(2)-Table25.1.c § 63.1567(b)(2)-Table25.1.d § 63.1567(b)(2)-Table25.1.e.(1) § 63.1567(b)(2)-Table25.1.e.(2) § 63.1567(b)(2)-Table25.1.e.(3) § 63.1567(b)(2)-Table25.1.e.(4) § 63.1567(b)(2)-Table25.2.a.i § 63.1567(b)(2)-Table25.2.a.ii § 63.1567(b)(2)-Table25.2.b.i § 63.1567(b)(2)-Table25.2.b.ii § 63.1567(c)(1)-Table27.2 § 63.1567(c)(1)-Table28.1.a § 63.1567(c)(1)-	§ 63.1567(b)(1)-Table24.1 § 63.1567(b)(2)-Table25.2.a.i § 63.1567(b)(2)-Table25.2.b.i § 63.1567(c)(1)-Table28.1.a § 63.1567(c)(1)-Table28.1.b § 63.1567(c)(2) § 63.1570(c) § 63.1572(c)(4) § 63.1572(c)(5) § 63.1573(b)(1) [G]§ 63.1576(a) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	§ 63.1567(b)(6) § 63.1567(b)(7) § 63.1570(f) § 63.1571(a) § 63.1571(d)(4) § 63.1571(d)(4) [G]§ 63.1574(a) § 63.1574(d) § 63.1574(d)-Table42.1 § 63.1574(d)-Table42.2 § 63.1574(d)-Table42.3 § 63.1575(a) § 63.1575(a)-Table43.1 [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(d) [G]§ 63.1575(f) § 63.1575(g) [G]§ 63.1575(h)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							Table28.1.b § 63.1571(a) § 63.1571(a)(1) [G]§ 63.1571(b) § 63.1572(c) § 63.1572(c)(1) § 63.1572(c)(1)- Table41.1 § 63.1572(c)(2) § 63.1572(c)(3) § 63.1572(c)(4) [G]§ 63.1572(d) [G]§ 63.1573(a)(1) § 63.1573(b)(1)		
49-H-91	EU	60J	HYDROGEN SULFIDE	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104 § 60.104(a)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
52-H-01	EU	60J	HYDROGEN SULFIDE	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104 § 60.104(a)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a)	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						(0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.	[G]§ 60.106(e)(1)		
GF-1	EU	60J	HYDROGEN SULFIDE	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104 § 60.104(a)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) [G]§ 60.105(a)(4)(iv) [G]§ 60.105(b) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) [G]§ 60.105(a)(4)(iv) § 60.107(e)	[G]§ 60.105(b) § 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
GRP-49HTR	EU	60J	HYDROGEN SULFIDE	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104 § 60.104(a)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						relief valve leakage or other emergency malfunctions is exempt from this paragraph.			
GRP-49HTR	EU	60J-low	HYDROGEN SULFIDE	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104 § 60.104(a)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.	§ 60.105(a) [G]§ 60.105(a)(4)(iv) [G]§ 60.105(b) § 60.105(e) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a) [G]§ 60.105(a)(4)(iv) § 60.107(e)	[G]§ 60.105(b) § 60.105(e) § 60.107(f) § 60.107(g)
GRP-BLR-DB	EU	60J	HYDROGEN SULFIDE	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104 § 60.104(a)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
GRP-HTR	EU	60J	HYDROGEN	40 CFR Part 60,	§ 60.104(a)(1)	No owner or operator	§ 60.105(a)	§ 60.105(a)	§ 60.105(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
			N SULFIDE	Subpart J	§ 60.104 § 60.104(a)	subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii)	§ 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
GRP-HTRJ	EU	60J	HYDROGE N SULFIDE	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104 § 60.104(a)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
GRP-HTRJ	EU	60J-AMP	HYDROGE N SULFIDE	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104 § 60.104(a)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains	§ 60.105(a) [G]§ 60.105(a)(3) § 60.105(e) § 60.105(e)(3)(i) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a) [G]§ 60.105(a)(3)	§ 60.105(e) § 60.105(e)(3)(i) § 60.107(f) § 60.107(g)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.	§ 60.106(e)(2) *See Alternative Requirement		
MFL-1	EU	60J	HYDROGEN SULFIDE	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104 § 60.104(a)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) [G]§ 60.105(a)(4)(iv) [G]§ 60.105(b) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) [G]§ 60.105(a)(4)(iv) § 60.107(e)	[G]§ 60.105(b) § 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
MTBE FL-2	EU	60J	HYDROGEN SULFIDE	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104 § 60.104(a)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) [G]§ 60.105(a)(4)(iv) [G]§ 60.105(b) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) [G]§ 60.105(a)(4)(iv) § 60.107(e)	[G]§ 60.105(b) § 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.			
SRU	PRO	60J	SO2	40 CFR Part 60, Subpart J	§ 60.104(a)(2)(i) § 60.104 § 60.104(a) § 60.104(a)(2)	No owner or operator subject to the provisions of this subpart shall discharge or cause the discharge from any Claus sulfur recovery plant with an oxidation control system or a reduction control system followed by incineration any gases containing in excess of 250 ppm by volume (dry basis) of sulfur dioxide at zero percent excess air into the atmosphere.	§ 60.105(a) [G]§ 60.105(a)(5) § 60.105(e) § 60.105(e)(4)(i) § 60.106(a) [G]§ 60.106(f) ** See CAM Summary *See Alternative Requirement	§ 60.105(a) [G]§ 60.105(a)(5)	§ 60.105(e) § 60.105(e)(4)(i) § 60.107(f) § 60.107(g)
SRU	EU	63UUU	112(B) HAPS	40 CFR Part 63, Subpart UUU	§ 63.1569(a)(1)(i)-Table36.1 § 63.1569(a)(1) § 63.1569(a)(3) § 63.1569(b)(2) § 63.1569(b)(2)-Table38.1.a § 63.1569(c)(1) § 63.1570(a) § 63.1570(c) § 63.1570(d) § 63.1570(g)	If you elect to install an automated system (Option 1), you must install and operate a device (including a flow indicator, level recorder, or electronic valve position monitor) to demonstrate, either continuously or at least every hour, whether flow is present in the bypass line. Install the device at or near as practical to the entrance to any bypass line that could divert the vent stream	§ 63.1569(b)(1) § 63.1569(b)(1)-Table37.1 § 63.1569(c)(1)-Table39.1 § 63.1571(a) § 63.1571(a)(1) [G]§ 63.1571(b)	§ 63.1569(b)(1)-Table37.1 § 63.1569(c)(1)-Table39.1 § 63.1569(c)(1)-Table39.5 § 63.1570(f) § 63.1571(a) [G]§ 63.1574(a) § 63.1574(d) § 63.1574(d)-Table42.1 § 63.1574(d)-Table42.2 § 63.1574(d)-Table42.3 § 63.1575(a) § 63.1575(a)-Table43.1 [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(d) [G]§ 63.1575(f)	

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						away from the control device to the atmosphere.			§ 63.1575(g) [G]§ 63.1575(h)
SRU	EU	63UUU	SO ₂	40 CFR Part 63, Subpart UUU	§ 63.1568(a)(1)-Table29.1.a § 63.1568(a)(1) § 63.1568(a)(2) § 63.1568(a)(2)-Table30.1 § 63.1568(a)(3) § 63.1568(b)(3) § 63.1568(b)(4) § 63.1568(b)(5) § 63.1568(b)(5)-Table33.1.a § 63.1568(c)(1) § 63.1568(c)(1)-Table35.1 § 63.1568(c)(2) § 63.1570(a) § 63.1570(c) § 63.1570(d) § 63.1570(g)	For each new or existing Claus SRU part of a sulfur recovery plant of 20 long tons per day or more and subject to NSPS for sulfur oxides in 40 CFR §60.104(a)(2), you must meet the emission limit for each process vent of 250ppmv (dry basis) of sulfur dioxide (SO ₂) at zero percent excess air if you use an oxidation or reduction control system followed by incineration.	§ 63.1568(b)(1) § 63.1568(b)(1)-Table31.1.a § 63.1568(c)(1)-Table34.1.a § 63.1572(a)(1)-Table40.4 § 63.1572(a)(1)-Table40.8 § 63.1572(a)(2) § 63.1572(a)(3) § 63.1572(a)(4) [G]§ 63.1572(d)	§ 63.1568(b)(1)-Table31.1.a § 63.1568(c)(1)-Table34.1.a § 63.1570(c) [G]§ 63.1576(a) [G]§ 63.1576(b) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	§ 63.1568(b)(6) § 63.1568(b)(7) § 63.1570(f) § 63.1571(a) [G]§ 63.1574(a) § 63.1574(d) § 63.1574(d)-Table42.1 § 63.1574(d)-Table42.2 § 63.1574(d)-Table42.3 § 63.1575(a) § 63.1575(a)-Table43.1 [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(e) [G]§ 63.1575(f) § 63.1575(g) [G]§ 63.1575(h)
SRU3	PRO	60J	SO ₂	40 CFR Part 60, Subpart J	§ 60.104(a)(2)(i) § 60.104 § 60.104(a) § 60.104(a)(2)	No owner or operator subject to the provisions of this subpart shall discharge or cause the discharge from any Claus sulfur recovery plant with an oxidation control system or a reduction control system followed by incineration any gases containing in excess of 250 ppm by volume (dry basis) of sulfur dioxide at zero percent excess air into the atmosphere.	§ 60.105(a) [G]§ 60.105(a)(5) § 60.105(e) § 60.105(e)(4)(i) § 60.106(a) [G]§ 60.106(f) ** See CAM Summary *See Alternative Requirement	§ 60.105(a) [G]§ 60.105(a)(5)	§ 60.105(e) § 60.105(e)(4)(i) § 60.107(f) § 60.107(g)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
SRU3	EU	63UUU	112(B) HAPS	40 CFR Part 63, Subpart UUU	§ 63.1569(a)(1)(i)-Table36.1 § 63.1569(a)(1) § 63.1569(a)(3) § 63.1569(b)(2) § 63.1569(b)(2)-Table38.1.a § 63.1569(c)(1) § 63.1570(a) § 63.1570(c) § 63.1570(d) § 63.1570(g)	If you elect to install an automated system (Option 1), you must install and operate a device (including a flow indicator, level recorder, or electronic valve position monitor) to demonstrate, either continuously or at least every hour, whether flow is present in the bypass line. Install the device at or near as practical to the entrance to any bypass line that could divert the vent stream away from the control device to the atmosphere.	§ 63.1569(b)(1) § 63.1569(b)(1)-Table37.1 § 63.1569(c)(1)-Table39.1 § 63.1571(a) § 63.1571(a)(1) [G]§ 63.1571(b)	§ 63.1569(b)(1)-Table37.1 § 63.1569(c)(1)-Table39.1 § 63.1569(c)(1)-Table39.5 § 63.1570(c) [G]§ 63.1576(a) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	§ 63.1569(b)(3) § 63.1569(b)(4) § 63.1569(c)(1)-Table39.5 § 63.1570(f) § 63.1571(a) [G]§ 63.1574(a) § 63.1574(d) § 63.1574(d)-Table42.1 § 63.1574(d)-Table42.2 § 63.1574(d)-Table42.3 § 63.1575(a) § 63.1575(a)-Table43.1 [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(d) [G]§ 63.1575(f) § 63.1575(g) [G]§ 63.1575(h)
SRU3	EU	63UUU	SO ₂	40 CFR Part 63, Subpart UUU	§ 63.1568(a)(1)-Table29.1.a § 63.1568(a)(1) § 63.1568(a)(2) § 63.1568(a)(2)-Table30.1 § 63.1568(a)(3) § 63.1568(b)(3) § 63.1568(b)(4) § 63.1568(b)(5) § 63.1568(b)(5)-Table33.1.a § 63.1568(c)(1) § 63.1568(c)(1)-Table35.1 § 63.1568(c)(2) § 63.1570(a) § 63.1570(c) § 63.1570(d) § 63.1570(g)	For each new or existing Claus SRU part of a sulfur recovery plant of 20 long tons per day or more and subject to NSPS for sulfur oxides in 40 CFR §60.104(a)(2), you must meet the emission limit for each process vent of 250ppmv (dry basis) of sulfur dioxide (SO ₂) at zero percent excess air if you use an oxidation or reduction control system followed by incineration.	§ 63.1568(b)(1) § 63.1568(b)(1)-Table31.1.a § 63.1568(c)(1)-Table34.1.a § 63.1572(a)(1)-Table40.4 § 63.1572(a)(1)-Table40.8 § 63.1572(a)(2) § 63.1572(a)(3) § 63.1572(a)(4) [G]§ 63.1572(d)	§ 63.1568(b)(1)-Table31.1.a § 63.1568(c)(1)-Table34.1.a § 63.1570(c) [G]§ 63.1576(a) [G]§ 63.1576(b) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	§ 63.1568(b)(6) § 63.1568(b)(7) § 63.1570(f) § 63.1571(a) [G]§ 63.1574(a) § 63.1574(d) § 63.1574(d)-Table42.1 § 63.1574(d)-Table42.2 § 63.1574(d)-Table42.3 § 63.1575(a) § 63.1575(a)-Table43.1 [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(e) [G]§ 63.1575(f) § 63.1575(g) [G]§ 63.1575(h)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TRUCKCOMB	EU	60J	HYDROGEN SULFIDE	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104 § 60.104(a)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.	§ 60.105(a) [G]§ 60.105(a)(4)(iv) [G]§ 60.105(b) § 60.105(e) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a) [G]§ 60.105(a)(4)(iv) § 60.107(e)	[G]§ 60.105(b) § 60.105(e) § 60.107(f) § 60.107(g)
GF-1	EU	R1111	OPACITY	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for emission event emissions as provided in §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
GF-1	CD	60A	OPACITY	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(4)(iii) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4) § 60.18(f)(5)	None	None
GF-1	CD	63A	OPACITY	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(iii)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						A of part 60 of this chapter shall be used.			
MFL-1	EU	R1111	OPACITY	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for emission event emissions as provided in §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
MFL-1	CD	60A	OPACITY	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(4)(iii) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4) § 60.18(f)(5)	None	None
MFL-1	CD	63A	OPACITY	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(iii)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None
MFL-1B	EP	R1111	OPACITY	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
MFL-1B	CD	63A	OPACITY	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2)	Flares shall be designed and operated with no visible emissions, except	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(i)(A) § 63.11(b)(6)(i)(B) § 63.11(b)(7)(i)	for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.			
MTBE FL-2	EU	R1111	OPACITY	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for emission event emissions as provided in §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
MTBE FL-2	CD	60A	OPACITY	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(4)(ii) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4)	None	None
MTBE FL-2	CD	63A	OPACITY	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(iii)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None
30Bo4F	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.324(2) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	§ 115.326(1) [G]§ 115.326(2) § 115.326(3) § 115.326(4)	§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
30Bo4F	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.327(1)	Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions.	None	None	§ 115.327(1)(A) § 115.327(1)(B) § 115.327(1)(C)
30Bo4F	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
30Bo4F	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(A) § 115.324(3) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
30Bo4F	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(5)	No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
30Bo4F	EU	R5322ALL	VOC	30 TAC Chapter	§ 115.322(1)	No valve (gaseous	§ 115.324	[G]§ 115.326(1)	[G]§ 115.324(7)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				115, Fugitives Pet Ref B Counties	§ 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324(2) § 115.324(2)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
30Bo4F	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
30Bo4F	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
30Bo4F	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
30Bo4F	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the	§ 115.324 § 115.324(1) § 115.324(1)(C) § 115.324(4) § 115.324(6)	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						leak is found, except as provided in §115.322(2).	[G]§ 115.325		
30Bo4F	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3) § 115.327(6)	No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
30Bo4F	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(A) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
30Bo4F	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
30Bo4F	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(D) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
30Bo4F	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B	§ 115.322(1) § 115.322(2) § 115.322(3)	No pressure relief valve in gaseous service, as described in § 115.327(3)	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Counties	§ 115.327(5)	or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).			
30Bo4F	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(5)	No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(C) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
30Bo4F	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
54F-MTBE	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.324(2) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	§ 115.326(1) [G]§ 115.326(2) § 115.326(3) § 115.326(4)	§ 115.326(1) § 115.327(4)
54F-MTBE	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.327(1)	Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after	None	None	§ 115.327(1)(A) § 115.327(1)(B) § 115.327(1)(C)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions.			
54F-MTBE	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
54F-MTBE	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(A) § 115.324(3) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
54F-MTBE	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(5)	No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
54F-MTBE	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as	§ 115.324 § 115.324(2) § 115.324(2)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						provided in §115.322(2).			
54F-MTBE	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
54F-MTBE	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
54F-MTBE	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
54F-MTBE	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(C) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
54F-MTBE	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B	§ 115.322(1) § 115.322(2) § 115.322(3)	No compressor seal, as described in § 115.327(3), (5) or (6),	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Counties	§ 115.327(3) § 115.327(6)	may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).			
54F-MTBE	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(A) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
54F-MTBE	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
54F-MTBE	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(D) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
54F-MTBE	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(5)	No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						provided in §115.322(2).			
54F-MTBE	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(5)	No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(C) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
54F-MTBE	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
54F-MTBE	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(d)	Comply with the requirements as stated in §60.482-1(d) for equipment in vacuum service.	None	§ 60.486(e) § 60.486(e)(1) § 60.486(e)(5)	None
54F-MTBE	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-2 [G]§ 60.482-9	Comply with the requirements as stated in §60.482-2 for pumps in light-liquid service.	[G]§ 60.482-2 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d) § 60.593(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
54F-MTBE	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-3(f)	Comply with the requirements as stated in §60.482-3 for reciprocating	§ 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) [G]§ 60.482-3(i)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-3(g)(1) § 60.482-3(g)(2) [G]§ 60.482-3(i) § 60.482-3(j) [G]§ 60.482-9 § 60.593(c)	compressors that become subject under §60.14 and §60.15.	§ 60.482-3(j) § 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	§ 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.592(e)	§ 60.592(e)
54F-MTBE	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-3 [G]§ 60.482-9	Comply with the requirements as stated in §60.482-3 for compressors.	[G]§ 60.482-3 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
54F-MTBE	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-4 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-4 for pressure relief devices in gas/vapor service.	[G]§ 60.482-4 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
54F-MTBE	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-5 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-5 for sampling connection systems.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
54F-MTBE	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-6 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-6 for open-ended valves and lines.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
54F-MTBE	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-7 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-7 for valves in gas/vapor or	[G]§ 60.482-7 [G]§ 60.483-1 [G]§ 60.483-2 § 60.485(a)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d)

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					[G]§ 60.482-9 [G]§ 60.483-1 [G]§ 60.483-2 § 60.592(b)	light-liquid service.	[G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d) § 60.593(d)	§ 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) [G]§ 60.486(g) § 60.486(j) § 60.592(e)	§ 60.487(e) § 60.592(e)
54F-MTBE	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-8 for pumps in heavy-liquid service.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
54F-MTBE	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.18 § 60.482-1(a) § 60.482-1(b) § 60.482-10(d) § 60.482-10(e) § 60.482-10(m)	Comply with the requirements in as stated in §60.482-10 for flares.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) [G]§ 60.485(g) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
54F-MTBE	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(e) [G]§ 60.482-10(g) § 60.482-10(h) § 60.482-10(m)	Comply with the requirements in as stated in §60.482-10 for closed-vent systems.	[G]§ 60.482-10(f) § 60.482-10(i) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.482-10(j) [G]§ 60.482-10(k) [G]§ 60.482-10(l) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
54F-MTBE	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-8 for valves in heavy-liquid service.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
54F-MTBE	EU	60GGGALL	VOC	40 CFR Part 60,	§ 60.592(a)	Comply with the	[G]§ 60.482-8	[G]§ 60.486(a)	§ 60.487(a)

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				Subpart GGG	§ 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9	requirements in as stated in §60.482-8 for flanges or other connectors.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d)	[G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	[G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
54F-MTBE	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-8 for pressure relief devices in light-liquid service.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
54F-MTBE	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(c)(1) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.163 [G]§ 63.171 [G]§ 63.176 § 63.648(f) § 63.655(d)(2)	Comply with the specified Subpart H requirements for pumps in light liquid service, instrument readings that define a leak are specified in Subpart CC, table 2.	[G]§ 63.163 [G]§ 63.176 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(3) § 63.648(c)(4) § 63.648(c)(6) § 63.648(c)(7) § 63.648(c)(8)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(3) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(8) § 63.181(h)(9) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(v)
54F-MTBE	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for non-reciprocating pumps in heavy liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)

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54F-MTBE	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.164 [G]§ 63.171 § 63.648(i) § 63.655(d)(2)	Comply with the specified Subpart H requirements for compressors which are not in hydrogen service.	[G]§ 63.164 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(f) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
54F-MTBE	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.165 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for pressure relief devices in gas/vapor service.	[G]§ 63.165 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(f) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
54F-MTBE	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for pressure relief device in liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
54F-MTBE	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.166 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for sampling connection systems.	[G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(i) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
54F-MTBE	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c)	Comply with the specified Subpart H requirements for open-	[G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1)

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					[G]§ 63.162(g) § 63.162(h) [G]§ 63.167 [G]§ 63.171 [G]§ 63.175 § 63.655(d)(2)	ended valves and lines.	[G]§ 63.648(b)	§ 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(9) [G]§ 63.181(i) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(d) [G]§ 63.655(e)
54F-MTBE	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(c)(1) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.168 [G]§ 63.171 [G]§ 63.175 § 63.648(c)(9) § 63.655(d)(2)	Comply with the specified Subpart H requirements for valves in gas/vapor and light liquid service, instrument readings defining a leak are specified in Subpart CC, table 2.	[G]§ 63.168 [G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(3) § 63.648(c)(4) § 63.648(c)(8)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(9) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(v)
54F-MTBE	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for valves in heavy liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
54F-MTBE	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(c)(5) § 63.162(a) § 63.162(c)	Connectors in gas/vapor or light liquid are subject to the	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.649(a) § 63.655(d)(2)	requirements in heavy liquid service in §63.169. The leak definition for specified systems subject to §63.169 is 1,000 parts per million.	[G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(4)	[G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(d) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(v)
54F-MTBE	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for connectors in heavy liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
54F-MTBE	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for instrumentation systems.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
54F-MTBE	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.11(b) § 63.172(d) § 63.172(e) [G]§ 63.172(h) § 63.172(m) § 63.655(d)(2)	Comply with the specified Subpart H requirements for flares.	§ 63.172(e) [G]§ 63.172(h) [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.180(e)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) § 63.181(g)(1)(iii) § 63.181(g)(1)(iv) [G]§ 63.181(g)(2) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) [G]§ 63.655(f)(1)(i)(D)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
54F-MTBE	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	[G]§ 63.648(g)	Compressors in hydrogen service are exempt from the requirements of §63.648(a) and (c), if an owner or operator demonstrates that a compressor is in hydrogen service. §63.648(g)(1)-(2).	[G]§ 63.648(g)	§ 63.648(h) § 63.655(d)(3)	None
54F-TAME	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.324(2) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	§ 115.326(1) [G]§ 115.326(2) § 115.326(3) § 115.326(4)	§ 115.326(1) § 115.327(4)
54F-TAME	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.327(1)	Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions.	None	None	§ 115.327(1)(A) § 115.327(1)(B) § 115.327(1)(C)
54F-TAME	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
54F-TAME	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(A) § 115.324(3) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
54F-TAME	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(5)	No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
54F-TAME	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
54F-TAME	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
54F-TAME	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar	§ 115.324 § 115.324(1) § 115.324(1)(B) § 115.324(4) § 115.324(6)	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						days after the leak is found, except as provided in §115.322(2).	[G]§ 115.324(7) [G]§ 115.325		
54F-TAME	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
54F-TAME	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(C) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
54F-TAME	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3) § 115.327(6)	No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
54F-TAME	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(A) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
54F-TAME	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives	§ 115.322(1) § 115.322(2)	No elevated valve, as described in § 115.327(3)	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Pet Ref B Counties	§ 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).			
54F-TAME	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(D) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
54F-TAME	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(5)	No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
54F-TAME	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(5)	No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(C) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
54F-TAME	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

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						days after the leak is found, except as provided in §115.322(2).			
54F-TAME	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(d)	Comply with the requirements as stated in §60.482-1(d) for equipment in vacuum service.	None	§ 60.486(e) § 60.486(e)(1) § 60.486(e)(5)	None
54F-TAME	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-2 [G]§ 60.482-9	Comply with the requirements as stated in §60.482-2 for pumps in light-liquid service.	[G]§ 60.482-2 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d) § 60.593(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
54F-TAME	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) [G]§ 60.482-3(i) § 60.482-3(j) [G]§ 60.482-9 § 60.593(c)	Comply with the requirements as stated in §60.482-3 for reciprocating compressors that become subject under §60.14 and §60.15.	§ 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) [G]§ 60.482-3(i) § 60.482-3(j) § 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
54F-TAME	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-3 [G]§ 60.482-9	Comply with the requirements as stated in §60.482-3 for compressors.	[G]§ 60.482-3 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)

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54F-TAME	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-4 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-4 for pressure relief devices in gas/vapor service.	[G]§ 60.482-4 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
54F-TAME	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-5 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-5 for sampling connection systems.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
54F-TAME	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-6 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-6 for open-ended valves and lines.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
54F-TAME	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-7 [G]§ 60.482-9 [G]§ 60.483-1 [G]§ 60.483-2 § 60.592(b)	Comply with the requirements in as stated in §60.482-7 for valves in gas/vapor or light-liquid service.	[G]§ 60.482-7 [G]§ 60.483-1 [G]§ 60.483-2 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d) § 60.593(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) [G]§ 60.486(g) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d) § 60.487(e) § 60.592(e)
54F-TAME	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-8 for pumps in heavy-liquid service.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
54F-TAME	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.18	Comply with the requirements in as	§ 60.485(a) [G]§ 60.485(c)	[G]§ 60.486(a) [G]§ 60.486(d)	§ 60.487(a) [G]§ 60.487(b)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-1(a) § 60.482-1(b) § 60.482-10(d) § 60.482-10(e) § 60.482-10(m)	stated in §60.482-10 for flares.	[G]§ 60.485(d) § 60.485(f) [G]§ 60.485(g) § 60.592(d)	§ 60.486(e) § 60.486(e)(1) § 60.592(e)	[G]§ 60.487(c) § 60.487(e) § 60.592(e)
54F-TAME	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(e) [G]§ 60.482-10(g) § 60.482-10(h) § 60.482-10(m)	Comply with the requirements in as stated in §60.482-10 for closed-vent systems.	[G]§ 60.482-10(f) § 60.482-10(i) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.482-10(j) [G]§ 60.482-10(k) [G]§ 60.482-10(l) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
54F-TAME	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-8 for valves in heavy-liquid service.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
54F-TAME	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-8 for flanges or other connectors.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
54F-TAME	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-8 for pressure relief devices in light-liquid service.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
54F-TAME	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(d)	Comply with the specified 40 CFR Part 60, Subpart VV	None	§ 60.486(e) § 60.486(e)(1) § 60.486(e)(5)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						requirements for equipment in vacuum service.			
54F-TAME	EU	63CCVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-2 [G]§ 60.482-9 § 63.648(a)(2) § 63.648(f) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2.	[G]§ 60.482-2 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
54F-TAME	EU	63CCVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-3 [G]§ 60.482-9 § 63.648(a)(2) § 63.648(i) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3.	[G]§ 60.482-3 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
54F-TAME	EU	63CCVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-4(a) § 60.482-4(b)(1) [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in gas/vapor service.	§ 60.482-4(b)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
54F-TAME	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-5 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for sampling connection systems complying with §60.482-5.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
54F-TAME	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-6 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for open-ended valves or lines complying with §60.482-6.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
54F-TAME	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-7 [G]§ 60.482-9 [G]§ 60.483-1 [G]§ 60.483-2 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in light liquid service complying with §60.482-7.	[G]§ 60.482-7 [G]§ 60.483-1 [G]§ 60.483-2 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) [G]§ 60.486(g) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d) § 60.487(e)
54F-TAME	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
54F-TAME	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a)	Comply with the specified 40 CFR Part	[G]§ 60.482-8 § 60.485(a)	[G]§ 60.486(a) [G]§ 60.486(b)	§ 60.487(a) [G]§ 60.487(b)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8.	[G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 60.487(c) § 60.487(e)
54F-TAME	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
54F-TAME	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
54F-TAME	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in heavy liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
54F-TAME	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	[G]§ 63.648(g)	Compressors in hydrogen service are exempt from the requirements of	[G]§ 63.648(g)	§ 63.648(h) § 63.655(d)(3) § 63.655(i)(5)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						§63.648(a) and (c), if an owner or operator demonstrates that a compressor is in hydrogen service. §63.648(g)(1)-(2).			
BUTAMER	EU	6oGGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(d)	Comply with the requirements as stated in §60.482-1(d) for equipment in vacuum service.	None	§ 60.486(e) § 60.486(e)(1) § 60.486(e)(5)	None
BUTAMER	EU	6oGGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-2 [G]§ 60.482-9	Comply with the requirements as stated in §60.482-2 for pumps in light-liquid service.	[G]§ 60.482-2 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d) § 60.593(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
BUTAMER	EU	6oGGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) [G]§ 60.482-3(i) § 60.482-3(j) [G]§ 60.482-9 § 60.593(c)	Comply with the requirements as stated in §60.482-3 for reciprocating compressors that become subject under §60.14 and §60.15.	§ 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) [G]§ 60.482-3(i) § 60.482-3(j) § 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
BUTAMER	EU	6oGGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-3 [G]§ 60.482-9	Comply with the requirements as stated in §60.482-3 for compressors.	[G]§ 60.482-3 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
								[G]§ 60.486(h) § 60.486(j) § 60.592(e)	
BUTAMER	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-4 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-4 for pressure relief devices in gas/vapor service.	[G]§ 60.482-4 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
BUTAMER	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-5 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-5 for sampling connection systems.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
BUTAMER	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-6 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-6 for open-ended valves and lines.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
BUTAMER	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-7 [G]§ 60.482-9 [G]§ 60.483-1 [G]§ 60.483-2 § 60.592(b)	Comply with the requirements in as stated in §60.482-7 for valves in gas/vapor or light-liquid service.	[G]§ 60.482-7 [G]§ 60.483-1 [G]§ 60.483-2 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d) § 60.593(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) [G]§ 60.486(g) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d) § 60.487(e) § 60.592(e)
BUTAMER	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-8 for pumps in heavy-liquid service.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 60.592(d)	§ 60.592(e)	
BUTAMER	EU	6oGGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.18 § 60.482-1(a) § 60.482-1(b) § 60.482-10(d) § 60.482-10(e) § 60.482-10(m)	Comply with the requirements in as stated in §60.482-10 for flares.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) [G]§ 60.485(g) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
BUTAMER	EU	6oGGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(e) [G]§ 60.482-10(g) § 60.482-10(h) § 60.482-10(m)	Comply with the requirements in as stated in §60.482-10 for closed-vent systems.	[G]§ 60.482-10(f) § 60.482-10(i) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.482-10(j) [G]§ 60.482-10(k) [G]§ 60.482-10(l) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
BUTAMER	EU	6oGGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-8 for valves in heavy-liquid service.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
BUTAMER	EU	6oGGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-8 for flanges or other connectors.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
BUTAMER	EU	6oGGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-8 for pressure relief devices in light-liquid service.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
BWS	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.327(1)	Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions.	None	None	§ 115.327(1)(A) § 115.327(1)(B) § 115.327(1)(C)
BWS	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
BWS	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(A) § 115.324(3) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
BWS	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(5)	No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
BWS	EU	R5322-ALL	VOC	30 TAC Chapter	§ 115.322(1)	No valve (gaseous	§ 115.324	[G]§ 115.326(1)	[G]§ 115.324(7)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				115, Fugitives Pet Ref B Counties	§ 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324(2) § 115.324(2)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
BWS	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
BWS	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
BWS	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
BWS	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the	§ 115.324 § 115.324(1) § 115.324(1)(C) § 115.324(4) § 115.324(6)	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						leak is found, except as provided in §115.322(2).	[G]§ 115.325		
BWS	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3) § 115.327(6)	No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
BWS	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(A) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
BWS	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
BWS	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(D) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
BWS	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B	§ 115.322(1) § 115.322(2) § 115.322(3)	No pressure relief valve in gaseous service, as described in § 115.327(3)	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Counties	§ 115.327(5)	or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).			
BWS	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(5)	No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(C) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
BWS	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
BWS	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
BWS	EU	6oGGGaVVa	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.590a(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart GGGa	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 60, Subpart GGGa	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 60, Subpart GGGa	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 60, Subpart GGGa

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					requirements of 40 CFR Part 60, Subpart GGGa				
BWS	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(c)(1) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.163 [G]§ 63.171 [G]§ 63.176 § 63.648(f) § 63.655(d)(2)	Comply with the specified Subpart H requirements for pumps in light liquid service, instrument readings that define a leak are specified in Subpart CC, table 2.	[G]§ 63.163 [G]§ 63.176 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(3) § 63.648(c)(4) § 63.648(c)(6) § 63.648(c)(7) § 63.648(c)(8)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(3) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(8) § 63.181(h)(9) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(v)
BWS	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for non-reciprocating pumps in heavy liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
BWS	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.164 [G]§ 63.171 § 63.648(i) § 63.655(d)(2)	Comply with the specified Subpart H requirements for compressors which are not in hydrogen service.	[G]§ 63.164 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(f) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
BWS	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.165 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for pressure relief devices in gas/vapor service.	[G]§ 63.165 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(f) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
BWS	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for pressure relief device in liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
BWS	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.166 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for sampling connection systems.	[G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(i) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
BWS	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.167 [G]§ 63.171 [G]§ 63.175 § 63.655(d)(2)	Comply with the specified Subpart H requirements for open-ended valves and lines.	[G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(9) [G]§ 63.181(i) § 63.648(h) § 63.655(d)(1)(i)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
								§ 63.655(i)(5)	
BWS	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(c)(1) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.168 [G]§ 63.171 [G]§ 63.175 § 63.648(c)(9) § 63.655(d)(2)	Comply with the specified Subpart H requirements for valves in gas/vapor and light liquid service, instrument readings defining a leak are specified in Subpart CC, table 2.	[G]§ 63.168 [G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(3) § 63.648(c)(4) § 63.648(c)(8)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(9) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) § 63.655(f)(1)(v) § 63.655(f)(1)(v)
BWS	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for valves in heavy liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
BWS	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(c)(5) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.649(a) § 63.655(d)(2)	Connectors in gas/vapor or light liquid are subject to the requirements in heavy liquid service in §63.169. The leak definition for specified systems subject to §63.169 is 1,000 parts per million.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(4)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(v)
BWS	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c)	Comply with the specified Subpart H requirements for	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	connectors in heavy liquid service.	[G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	[G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(d) [G]§ 63.655(e)
BWS	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for instrumentation systems.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
BWS	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.11(b) § 63.172(d) § 63.172(e) [G]§ 63.172(h) § 63.172(m) § 63.655(d)(2)	Comply with the specified Subpart H requirements for flares.	§ 63.172(e) [G]§ 63.172(h) [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.180(e)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) § 63.181(g)(1)(iii) § 63.181(g)(1)(iv) [G]§ 63.181(g)(2) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) [G]§ 63.655(f)(1)(i)(D)
BWS	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	[G]§ 63.648(g)	Compressors in hydrogen service are exempt from the requirements of §63.648(a) and (c), if an owner or operator demonstrates that a compressor is in hydrogen service. §63.648(g)(1)-(2).	[G]§ 63.648(g)	§ 63.648(h) § 63.655(d)(3)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
CD-LOADING	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.651(a)	Except as provided in §63.651(b)-(d), each owner or operator of a marine tank vessel loading operation located at a petroleum refinery shall comply with the requirements of §63.560 through §63.567.	§ 63.642(d)(1) § 63.642(d)(3) § 63.642(d)(4)	§ 63.642(e) § 63.655(c) § 63.655(i)(5)	§ 63.642(d)(2) § 63.642(f) § 63.655(c)
CD-PIPING	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.327(1)	Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions.	None	None	§ 115.327(1)(A) § 115.327(1)(B) § 115.327(1)(C)
CD-PIPING	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
CD-PIPING	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(A) § 115.324(3) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
CD-PIPING	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(5)	No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
CD-PIPING	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
CD-PIPING	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
CD-PIPING	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
CD-PIPING	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).			
CD-PIPING	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(C) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
CD-PIPING	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3) § 115.327(6)	No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
CD-PIPING	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(A) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
CD-PIPING	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
CD-PIPING	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(D) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
CD-PIPING	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(5)	No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
CD-PIPING	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(5)	No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(C) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
CD-PIPING	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
CD-PIPING	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15	§ 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						calendar days after the leak is found, except as provided in §115.322(2).			
CD-PIPING	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(d)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for equipment in vacuum service.	None	§ 60.486(e) § 60.486(e)(1) § 60.486(e)(5)	None
CD-PIPING	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-2 [G]§ 60.482-9 § 63.648(a)(2) § 63.648(f) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2.	[G]§ 60.482-2 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
CD-PIPING	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-3 [G]§ 60.482-9 § 63.648(a)(2) § 63.648(i) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3.	[G]§ 60.482-3 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
CD-PIPING	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b)	Comply with the specified 40 CFR Part 60, Subpart VV	§ 60.482-4(b)(2) § 60.485(a) [G]§ 60.485(b)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-4(a) § 60.482-4(b)(1) [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	requirements for pressure relief devices in gas/vapor service.	[G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	§ 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(e)
CD-PIPING	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-5 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for sampling connection systems complying with §60.482-5.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
CD-PIPING	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-6 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for open-ended valves or lines complying with §60.482-6.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
CD-PIPING	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-7 [G]§ 60.482-9 [G]§ 60.483-1 [G]§ 60.483-2 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in light liquid service complying with §60.482-7.	[G]§ 60.482-7 [G]§ 60.483-1 [G]§ 60.483-2 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) [G]§ 60.486(g) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d) § 60.487(e)
CD-PIPING	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9	Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.648(a)(2) § 63.655(d)(2)	complying with §60.482-8.	[G]§ 63.648(b)	§ 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	
CD-PIPING	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
CD-PIPING	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
CD-PIPING	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
CD-PIPING	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in heavy liquid service complying with	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						§60.482-8.		§ 63.655(d)(1)(i) § 63.655(i)(5)	
CD-PIPING	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	[G]§ 63.648(g)	Compressors in hydrogen service are exempt from the requirements of §63.648(a) and (c), if an owner or operator demonstrates that a compressor is in hydrogen service. §63.648(g)(1)-(2).	[G]§ 63.648(g)	§ 63.648(h) § 63.655(d)(3) § 63.655(i)(5)	None
FUELDRM	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.324(2) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	§ 115.326(1) [G]§ 115.326(2) § 115.326(3) § 115.326(4)	§ 115.326(1) § 115.327(4)
FUELDRM	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.327(1)	Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions.	None	None	§ 115.327(1)(A) § 115.327(1)(B) § 115.327(1)(C)
FUELDRM	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						days after the leak is found, except as provided in §115.322(2).			
FUELDRM	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(A) § 115.324(3) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
FUELDRM	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(5)	No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
FUELDRM	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
FUELDRM	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
FUELDRM	EU	R5322ALL	VOC	30 TAC Chapter	§ 115.322(1)	No valve in liquid	§ 115.324	[G]§ 115.326(1)	[G]§ 115.324(7)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				115, Fugitives Pet Ref B Counties	§ 115.322(2) § 115.322(3) § 115.322(4)	service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324(1) § 115.324(1)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
FUELDRM	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
FUELDRM	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(C) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
FUELDRM	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3) § 115.327(6)	No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
FUELDRM	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(A) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						provided in §115.322(2).			
FUELDRM	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
FUELDRM	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(D) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
FUELDRM	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(5)	No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
FUELDRM	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(5)	No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(C) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
FUELDRM	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives	§ 115.322(1) § 115.322(2)	No connector, as described in § 115.327(3)	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Pet Ref B Counties	§ 115.322(3) § 115.327(3)	or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).			
GDFUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.324(2) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	§ 115.326(1) [G]§ 115.326(2) § 115.326(3) § 115.326(4)	§ 115.326(1) § 115.327(4)
GDFUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.327(1)	Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions.	None	None	§ 115.327(1)(A) § 115.327(1)(B) § 115.327(1)(C)
GDFUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GDFUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives	§ 115.322(1) § 115.322(2)	No pump seal may be allowed to have a VOC	§ 115.324 § 115.324(1)	[G]§ 115.326(1) [G]§ 115.326(2)	[G]§ 115.326(1) § 115.327(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Pet Ref B Counties	§ 115.322(3)	leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324(1)(A) § 115.324(3) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(3) § 115.326(5)	
GDFUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(5)	No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GDFUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
GDFUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GDFUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as	§ 115.324 § 115.324(1) § 115.324(1)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						provided in §115.322(2).			
GDFUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GDFUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(C) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GDFUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3) § 115.327(6)	No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GDFUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(A) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GDFUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.327(3) § 115.327(5)	defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).			
GDFUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(D) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
GDFUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(5)	No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GDFUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(5)	No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(C) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
GDFUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						provided in §115.322(2).			
GDFUG	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(d)	Comply with the requirements as stated in §60.482-1(d) for equipment in vacuum service.	None	§ 60.486(e) § 60.486(e)(1) § 60.486(e)(5)	None
GDFUG	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-2 [G]§ 60.482-9	Comply with the requirements as stated in §60.482-2 for pumps in light-liquid service.	[G]§ 60.482-2 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d) § 60.593(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GDFUG	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) [G]§ 60.482-3(i) § 60.482-3(j) [G]§ 60.482-9 § 60.593(c)	Comply with the requirements as stated in §60.482-3 for reciprocating compressors that become subject under §60.14 and §60.15.	§ 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) [G]§ 60.482-3(i) § 60.482-3(j) § 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GDFUG	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-3 [G]§ 60.482-9	Comply with the requirements as stated in §60.482-3 for compressors.	[G]§ 60.482-3 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GDFUG	EU	60GGGALL	VOC	40 CFR Part 60,	§ 60.592(a)	Comply with the	[G]§ 60.482-4	[G]§ 60.486(a)	§ 60.487(a)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Subpart GGG	§ 60.482-1(a) § 60.482-1(b) [G]§ 60.482-4 [G]§ 60.482-9	requirements in as stated in §60.482-4 for pressure relief devices in gas/vapor service.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	§ 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 60.592(e)	[G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GDFUG	EU	6oGGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-5 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-5 for sampling connection systems.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GDFUG	EU	6oGGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-6 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-6 for open-ended valves and lines.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GDFUG	EU	6oGGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-7 [G]§ 60.482-9 [G]§ 60.483-1 [G]§ 60.483-2 § 60.592(b)	Comply with the requirements in as stated in §60.482-7 for valves in gas/vapor or light-liquid service.	[G]§ 60.482-7 [G]§ 60.483-1 [G]§ 60.483-2 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d) § 60.593(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) [G]§ 60.486(g) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d) § 60.487(e) § 60.592(e)
GDFUG	EU	6oGGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-8 for pumps in heavy-liquid service.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GDFUG	EU	6oGGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.18 § 60.482-1(a)	Comply with the requirements in as stated in §60.482-10 for	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-1(b) § 60.482-10(d) § 60.482-10(e) § 60.482-10(m)	flares.	§ 60.485(f) [G]§ 60.485(g) § 60.592(d)	§ 60.486(e)(1) § 60.592(e)	§ 60.487(e) § 60.592(e)
GDFUG	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(e) [G]§ 60.482-10(g) § 60.482-10(h) § 60.482-10(m)	Comply with the requirements in as stated in §60.482-10 for closed-vent systems.	[G]§ 60.482-10(f) § 60.482-10(i) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.482-10(j) [G]§ 60.482-10(k) [G]§ 60.482-10(l) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GDFUG	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-8 for valves in heavy-liquid service.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GDFUG	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-8 for flanges or other connectors.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GDFUG	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-8 for pressure relief devices in light-liquid service.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GDFUG	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) § 63.162(e)	Comply with the specified Subpart H requirements for equipment operated in	[G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.654(e)

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					[G]§ 63.162(g) § 63.162(h)	organic HAP service < 300 hours per year.		§ 63.181(j) § 63.648(h) § 63.654(d)(1)(i) § 63.654(d)(5) [G]§ 63.654(e) § 63.654(i)(4)	
GDFUG	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(c)(1) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.163 [G]§ 63.171 [G]§ 63.176 § 63.648(f) § 63.655(d)(2)	Comply with the specified Subpart H requirements for pumps in light liquid service, instrument readings that define a leak are specified in Subpart CC, table 2.	[G]§ 63.163 [G]§ 63.176 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(3) § 63.648(c)(4) § 63.648(c)(6) § 63.648(c)(7) § 63.648(c)(8)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(3) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(8) § 63.181(h)(9) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(v)
GDFUG	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for non-reciprocating pumps in heavy liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
GDFUG	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.164 [G]§ 63.171	Comply with the specified Subpart H requirements for compressors which are not in hydrogen service.	[G]§ 63.164 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(f) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)

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					§ 63.648(i) § 63.655(d)(2)			§ 63.655(i)(5)	
GDFUG	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.165 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for pressure relief devices in gas/vapor service.	[G]§ 63.165 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(f) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
GDFUG	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for pressure relief device in liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
GDFUG	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.166 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for sampling connection systems.	[G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(i) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
GDFUG	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.167 [G]§ 63.171 [G]§ 63.175 § 63.655(d)(2)	Comply with the specified Subpart H requirements for open-ended valves and lines.	[G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(9)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
								[G]§ 63.181(i) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	
GDFUG	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(c)(1) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.168 [G]§ 63.171 [G]§ 63.175 § 63.648(c)(9) § 63.655(d)(2)	Comply with the specified Subpart H requirements for valves in gas/vapor and light liquid service, instrument readings defining a leak are specified in Subpart CC, table 2.	[G]§ 63.168 [G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(3) § 63.648(c)(4) § 63.648(c)(8)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(9) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(v)
GDFUG	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for valves in heavy liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
GDFUG	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(c)(5) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.649(a) § 63.655(d)(2)	Connectors in gas/vapor or light liquid are subject to the requirements in heavy liquid service in §63.169. The leak definition for specified systems subject to §63.169 is 1,000 parts per million.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(4)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(v)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GDFUG	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for connectors in heavy liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
GDFUG	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for instrumentation systems.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
GDFUG	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.172(a) [G]§ 63.172(h) § 63.172(i) § 63.172(m) § 63.655(d)(2)	Comply with the specified Subpart H requirements for closed vent systems.	[G]§ 63.172(f)(1) [G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b)	[G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) [G]§ 63.655(f)(1)(i)(C) [G]§ 63.655(f)(1)(i)(D)
GDFUG	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.11(b) § 63.172(d) § 63.172(e) [G]§ 63.172(h) § 63.172(m) § 63.655(d)(2)	Comply with the specified Subpart H requirements for flares.	§ 63.172(e) [G]§ 63.172(h) [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.180(e)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) § 63.181(g)(1)(iii)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) [G]§ 63.655(f)(1)(i)(D)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
								§ 63.181(g)(1)(iv) [G]§ 63.181(g)(2) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	
GDFUG	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	[G]§ 63.648(g)	Compressors in hydrogen service are exempt from the requirements of §63.648(a) and (c), if an owner or operator demonstrates that a compressor is in hydrogen service. §63.648(g)(1)-(2).	[G]§ 63.648(g)	§ 63.648(h) § 63.655(d)(3)	None
GRP-5GCCVV	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.324(2) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	§ 115.326(1) [G]§ 115.326(2) § 115.326(3) § 115.326(4)	§ 115.326(1) § 115.327(4)
GRP-5GCCVV	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.327(1)	Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions.	None	None	§ 115.327(1)(A) § 115.327(1)(B) § 115.327(1)(C)
GRP-5GCCVV	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B	§ 115.322(1) § 115.322(2) § 115.322(3)	No pump seal, as described in § 115.327(3) or (5), may be allowed to	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Counties	§ 115.327(3)	have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).			
GRP-5GCCVV	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(A) § 115.324(3) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-5GCCVV	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(5)	No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-5GCCVV	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
GRP-5GCCVV	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						provided in §115.322(2).			
GRP-5GCCVV	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
GRP-5GCCVV	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-5GCCVV	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(C) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-5GCCVV	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3) § 115.327(6)	No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-5GCCVV	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No compressor seal may be allowed to have a VOC leak as defined in	§ 115.324 § 115.324(2) § 115.324(2)(A)	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3)	[G]§ 115.326(1) § 115.327(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Counties		§101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324(4) § 115.324(6) [G]§ 115.325	§ 115.326(5)	
GRP-5GCCVV	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-5GCCVV	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(D) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
GRP-5GCCVV	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(5)	No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-5GCCVV	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(5)	No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(C) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-5GCCVV	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-5GCCVV	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(d)	Comply with the requirements as stated in §60.482-1(d) for equipment in vacuum service.	None	§ 60.486(e) § 60.486(e)(1) § 60.486(e)(5)	None
GRP-5GCCVV	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-2 [G]§ 60.482-9	Comply with the requirements as stated in §60.482-2 for pumps in light-liquid service.	[G]§ 60.482-2 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d) § 60.593(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GRP-5GCCVV	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) [G]§ 60.482-3(i) § 60.482-3(j) [G]§ 60.482-9 § 60.593(c)	Comply with the requirements as stated in §60.482-3 for reciprocating compressors that become subject under §60.14 and §60.15.	§ 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) [G]§ 60.482-3(i) § 60.482-3(j) § 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GRP-5GCCVV	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-3	Comply with the requirements as stated in §60.482-3 for compressors.	[G]§ 60.482-3 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 60.482-9		[G]§ 60.485(d) § 60.485(f) § 60.592(d)	§ 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.592(e)	§ 60.592(e)
GRP-5GCCVV	EU	6oGGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-4 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-4 for pressure relief devices in gas/vapor service.	[G]§ 60.482-4 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GRP-5GCCVV	EU	6oGGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-5 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-5 for sampling connection systems.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GRP-5GCCVV	EU	6oGGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-6 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-6 for open-ended valves and lines.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GRP-5GCCVV	EU	6oGGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-7 [G]§ 60.482-9 [G]§ 60.483-1 [G]§ 60.483-2 § 60.592(b)	Comply with the requirements in as stated in §60.482-7 for valves in gas/vapor or light-liquid service.	[G]§ 60.482-7 [G]§ 60.483-1 [G]§ 60.483-2 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d) § 60.593(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) [G]§ 60.486(g) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d) § 60.487(e) § 60.592(e)
GRP-5GCCVV	EU	6oGGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b)	Comply with the requirements in as stated in §60.482-8 for	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 60.482-8 [G]§ 60.482-9	pumps in heavy-liquid service.	[G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d)	§ 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(e) § 60.592(e)
GRP-5GCCVV	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.18 § 60.482-1(a) § 60.482-1(b) § 60.482-10(d) § 60.482-10(e) § 60.482-10(m)	Comply with the requirements in as stated in §60.482-10 for flares.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) [G]§ 60.485(g) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 60.592(e)	§ 60.487(a) § 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GRP-5GCCVV	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(e) [G]§ 60.482-10(g) § 60.482-10(h) § 60.482-10(m)	Comply with the requirements in as stated in §60.482-10 for closed-vent systems.	[G]§ 60.482-10(f) § 60.482-10(i) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.482-10(j) [G]§ 60.482-10(k) [G]§ 60.482-10(l) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GRP-5GCCVV	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-8 for valves in heavy-liquid service.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GRP-5GCCVV	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-8 for flanges or other connectors.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GRP-5GCCVV	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8	Comply with the requirements in as stated in §60.482-8 for pressure relief devices in	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 60.482-9	light-liquid service.	[G]§ 60.485(e) § 60.485(f) § 60.592(d)	§ 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.592(e)
GRP-5GCCVV	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(d)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for equipment in vacuum service.	None	§ 60.486(e) § 60.486(e)(1) § 60.486(e)(5)	None
GRP-5GCCVV	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-2 [G]§ 60.482-9 § 63.648(a)(2) § 63.648(f) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2.	[G]§ 60.482-2 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
GRP-5GCCVV	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-3 [G]§ 60.482-9 § 63.648(a)(2) § 63.648(i) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3.	[G]§ 60.482-3 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
GRP-5GCCVV	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b)	Comply with the specified 40 CFR Part 60, Subpart VV	§ 60.482-4(b)(2) § 60.485(a) [G]§ 60.485(b)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-4(a) § 60.482-4(b)(1) [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	requirements for pressure relief devices in gas/vapor service.	[G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	§ 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(e)
GRP-5GCCVV	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-5 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for sampling connection systems complying with §60.482-5.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
GRP-5GCCVV	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-6 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for open-ended valves or lines complying with §60.482-6.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
GRP-5GCCVV	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-7 [G]§ 60.482-9 [G]§ 60.483-1 [G]§ 60.483-2 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in light liquid service complying with §60.482-7.	[G]§ 60.482-7 [G]§ 60.483-1 [G]§ 60.483-2 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) [G]§ 60.486(g) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d) § 60.487(e)
GRP-5GCCVV	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9	Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.648(a)(2) § 63.655(d)(2)	complying with §60.482-8.	[G]§ 63.648(b)	§ 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	
GRP-5GCCVV	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
GRP-5GCCVV	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
GRP-5GCCVV	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
GRP-5GCCVV	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in heavy liquid service complying with	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

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						§60.482-8.		§ 63.655(d)(1)(i) § 63.655(i)(5)	
GRP-5GCCVV	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	[G]§ 63.648(g)	Compressors in hydrogen service are exempt from the requirements of §63.648(a) and (c), if an owner or operator demonstrates that a compressor is in hydrogen service. §63.648(g)(1)-(2).	[G]§ 63.648(g)	§ 63.648(h) § 63.655(d)(3) § 63.655(i)(5)	None
GRP-R5-1	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.324(2) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	§ 115.326(1) [G]§ 115.326(2) § 115.326(3) § 115.326(4)	§ 115.326(1) § 115.327(4)
GRP-R5-1	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.327(1)	Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions.	None	None	§ 115.327(1)(A) § 115.327(1)(B) § 115.327(1)(C)
GRP-R5-1	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						days after the leak is found, except as provided in §115.322(2).			
GRP-R5-1	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(A) § 115.324(3) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5-1	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(5)	No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5-1	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
GRP-R5-1	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5-1	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1)	No valve in liquid	§ 115.324	[G]§ 115.326(1)	[G]§ 115.324(7)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				115, Fugitives Pet Ref B Counties	§ 115.322(2) § 115.322(3) § 115.322(4)	service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324(1) § 115.324(1)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5-1	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5-1	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(C) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5-1	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3) § 115.327(6)	No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5-1	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(A) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						provided in §115.322(2).			
GRP-R5-1	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5-1	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(D) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
GRP-R5-1	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(5)	No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5-1	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(5)	No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(C) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
GRP-R5-1	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives	§ 115.322(1) § 115.322(2)	No connector, as described in § 115.327(3)	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Pet Ref B Counties	§ 115.322(3) § 115.327(3)	or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).			
GRP-R5-2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.324(2) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	§ 115.326(1) [G]§ 115.326(2) § 115.326(3) § 115.326(4)	§ 115.326(1) § 115.327(4)
GRP-R5-2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.327(1)	Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions.	None	None	§ 115.327(1)(A) § 115.327(1)(B) § 115.327(1)(C)
GRP-R5-2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5-2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives	§ 115.322(1) § 115.322(2)	No pump seal may be allowed to have a VOC	§ 115.324 § 115.324(1)	[G]§ 115.326(1) [G]§ 115.326(2)	[G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Pet Ref B Counties	§ 115.322(3)	leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324(1)(A) § 115.324(3) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(3) § 115.326(5)	
GRP-R5-2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(5)	No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5-2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
GRP-R5-2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5-2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as	§ 115.324 § 115.324(1) § 115.324(1)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						provided in §115.322(2).			
GRP-R5-2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5-2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(C) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5-2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3) § 115.327(6)	No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5-2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(A) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5-2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.327(3) § 115.327(5)	defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).			
GRP-R5-2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(D) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
GRP-R5-2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(5)	No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5-2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(5)	No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(C) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
GRP-R5-2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						provided in §115.322(2).			
GRP-R5CC	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.324(2) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	§ 115.326(1) [G]§ 115.326(2) § 115.326(3) § 115.326(4)	§ 115.326(1) § 115.327(4)
GRP-R5CC	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.327(1)	Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions.	None	None	§ 115.327(1)(A) § 115.327(1)(B) § 115.327(1)(C)
GRP-R5CC	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5CC	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(A) § 115.324(3) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-R5CC	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(5)	No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5CC	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
GRP-R5CC	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5CC	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
GRP-R5CC	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).			
GRP-R5CC	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(C) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5CC	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3) § 115.327(6)	No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5CC	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(A) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5CC	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-R5CC	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(D) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
GRP-R5CC	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(5)	No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5CC	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(5)	No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(C) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
GRP-R5CC	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5CC	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) § 63.162(e)	Comply with the specified Subpart H requirements for equipment operated in	[G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.654(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.162(g) § 63.162(h)	organic HAP service < 300 hours per year.		§ 63.181(j) § 63.648(h) § 63.654(d)(1)(i) § 63.654(d)(5) [G]§ 63.654(e) § 63.654(i)(4)	
GRP-R5CC	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(c)(1) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.163 [G]§ 63.171 [G]§ 63.176 § 63.648(f) § 63.655(d)(2)	Comply with the specified Subpart H requirements for pumps in light liquid service, instrument readings that define a leak are specified in Subpart CC, table 2.	[G]§ 63.163 [G]§ 63.176 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(3) § 63.648(c)(4) § 63.648(c)(6) § 63.648(c)(7) § 63.648(c)(8)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(3) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(8) § 63.181(h)(9) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(v)
GRP-R5CC	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for non-reciprocating pumps in heavy liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
GRP-R5CC	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.164 [G]§ 63.171	Comply with the specified Subpart H requirements for compressors which are not in hydrogen service.	[G]§ 63.164 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(f) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.648(i) § 63.655(d)(2)			§ 63.655(i)(5)	
GRP-R5CC	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.165 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for pressure relief devices in gas/vapor service.	[G]§ 63.165 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(f) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
GRP-R5CC	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for pressure relief device in liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
GRP-R5CC	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.166 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for sampling connection systems.	[G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(i) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
GRP-R5CC	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.167 [G]§ 63.171 [G]§ 63.175 § 63.655(d)(2)	Comply with the specified Subpart H requirements for open-ended valves and lines.	[G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(9)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
								[G]§ 63.181(i) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	
GRP-R5CC	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(c)(1) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.168 [G]§ 63.171 [G]§ 63.175 § 63.648(c)(9) § 63.655(d)(2)	Comply with the specified Subpart H requirements for valves in gas/vapor and light liquid service, instrument readings defining a leak are specified in Subpart CC, table 2.	[G]§ 63.168 [G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(3) § 63.648(c)(4) § 63.648(c)(8)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(9) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(v)
GRP-R5CC	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for valves in heavy liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
GRP-R5CC	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(c)(5) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.649(a) § 63.655(d)(2)	Connectors in gas/vapor or light liquid are subject to the requirements in heavy liquid service in §63.169. The leak definition for specified systems subject to §63.169 is 1,000 parts per million.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(4)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(v)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-R5CC	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for connectors in heavy liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
GRP-R5CC	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for instrumentation systems.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
GRP-R5CC	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.172(a) [G]§ 63.172(h) § 63.172(i) § 63.172(m) § 63.655(d)(2)	Comply with the specified Subpart H requirements for closed vent systems.	[G]§ 63.172(f)(1) [G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b)	[G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) [G]§ 63.655(f)(1)(i)(C) [G]§ 63.655(f)(1)(i)(D)
GRP-R5CC	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.11(b) § 63.172(d) § 63.172(e) [G]§ 63.172(h) § 63.172(m) § 63.655(d)(2)	Comply with the specified Subpart H requirements for flares.	§ 63.172(e) [G]§ 63.172(h) [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.180(e)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) § 63.181(g)(1)(iii)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) [G]§ 63.655(f)(1)(i)(D)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
								§ 63.181(g)(1)(iv) [G]§ 63.181(g)(2) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	
GRP-R5CC	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	[G]§ 63.648(g)	Compressors in hydrogen service are exempt from the requirements of §63.648(a) and (c), if an owner or operator demonstrates that a compressor is in hydrogen service. §63.648(g)(1)-(2).	[G]§ 63.648(g)	§ 63.648(h) § 63.655(d)(3)	None
GRP-R5CC2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.324(2) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	§ 115.326(1) [G]§ 115.326(2) § 115.326(3) § 115.326(4)	§ 115.326(1) § 115.327(4)
GRP-R5CC2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.327(1)	Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions.	None	None	§ 115.327(1)(A) § 115.327(1)(B) § 115.327(1)(C)
GRP-R5CC2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B	§ 115.322(1) § 115.322(2) § 115.322(3)	No pump seal, as described in § 115.327(3) or (5), may be allowed to	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Counties	§ 115.327(3)	have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).			
GRP-R5CC2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(A) § 115.324(3) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5CC2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(5)	No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5CC2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
GRP-R5CC2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						provided in §115.322(2).			
GRP-R5CC2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
GRP-R5CC2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5CC2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(C) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5CC2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3) § 115.327(6)	No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5CC2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No compressor seal may be allowed to have a VOC leak as defined in	§ 115.324 § 115.324(2) § 115.324(2)(A)	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3)	[G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Counties		§101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324(4) § 115.324(6) [G]§ 115.325	§ 115.326(5)	
GRP-R5CC2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5CC2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(D) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
GRP-R5CC2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(5)	No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5CC2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(5)	No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(C) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-R5CC2	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5CC2	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) § 63.162(e) [G]§ 63.162(g) § 63.162(h)	Comply with the specified Subpart H requirements for equipment operated in organic HAP service < 300 hours per year.	[G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(i) § 63.181(j) § 63.648(h) § 63.654(d)(1)(i) § 63.654(d)(5) [G]§ 63.654(e) § 63.654(i)(4)	[G]§ 63.182(a) [G]§ 63.654(e)
GRP-R5CC2	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(c)(1) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.163 [G]§ 63.171 [G]§ 63.176 § 63.648(f) § 63.655(d)(2)	Comply with the specified Subpart H requirements for pumps in light liquid service, instrument readings that define a leak are specified in Subpart CC, table 2.	[G]§ 63.163 [G]§ 63.176 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(3) § 63.648(c)(4) § 63.648(c)(6) § 63.648(c)(7) § 63.648(c)(8)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(3) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(8) § 63.181(h)(9) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(v)
GRP-R5CC2	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f)	Comply with the specified Subpart H requirements for non-reciprocating pumps in	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	heavy liquid service.	§ 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.655(e)
GRP-R5CC2	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.164 [G]§ 63.171 § 63.648(i) § 63.655(d)(2)	Comply with the specified Subpart H requirements for compressors which are not in hydrogen service.	[G]§ 63.164 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(f) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
GRP-R5CC2	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.165 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for pressure relief devices in gas/vapor service.	[G]§ 63.165 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(f) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
GRP-R5CC2	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for pressure relief device in liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
GRP-R5CC2	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.166	Comply with the specified Subpart H requirements for sampling connection systems.	[G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(i) § 63.648(h) § 63.655(d)(1)(i)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.171 § 63.655(d)(2)			§ 63.655(i)(5)	
GRP-R5CC2	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.167 [G]§ 63.171 [G]§ 63.175 § 63.655(d)(2)	Comply with the specified Subpart H requirements for open-ended valves and lines.	[G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(9) [G]§ 63.181(i) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
GRP-R5CC2	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(c)(1) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.168 [G]§ 63.171 [G]§ 63.175 § 63.648(c)(9) § 63.655(d)(2)	Comply with the specified Subpart H requirements for valves in gas/vapor and light liquid service, instrument readings defining a leak are specified in Subpart CC, table 2.	[G]§ 63.168 [G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(3) § 63.648(c)(4) § 63.648(c)(8)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(9) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(v)
GRP-R5CC2	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169	Comply with the specified Subpart H requirements for valves in heavy liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.171 § 63.655(d)(2)				
GRP-R5CC2	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(c)(5) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.649(a) § 63.655(d)(2)	Connectors in gas/vapor or light liquid are subject to the requirements in heavy liquid service in §63.169. The leak definition for specified systems subject to §63.169 is 1,000 parts per million.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(4)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(v)
GRP-R5CC2	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for connectors in heavy liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
GRP-R5CC2	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for instrumentation systems.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
GRP-R5CC2	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.172(a) [G]§ 63.172(h) § 63.172(i) § 63.172(m) § 63.655(d)(2)	Comply with the specified Subpart H requirements for closed vent systems.	[G]§ 63.172(f)(1) [G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) [G]§ 63.655(f)(1)(i)(C) [G]§ 63.655(f)(1)(i)(D)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							[G]§ 63.648(b)	[G]§ 63.181(g)(2) [G]§ 63.181(g)(3) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	
GRP-R5CC2	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.11(b) § 63.172(d) § 63.172(e) [G]§ 63.172(h) § 63.172(m) § 63.655(d)(2)	Comply with the specified Subpart H requirements for flares.	§ 63.172(e) [G]§ 63.172(h) [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.180(e)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) § 63.181(g)(1)(iii) § 63.181(g)(1)(iv) [G]§ 63.181(g)(2) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) [G]§ 63.655(f)(1)(i)(D)
GRP-R5CC2	EU	63CCHALL	112(B) HAPS	40 CFR Part 63, Subpart CC	[G]§ 63.648(g)	Compressors in hydrogen service are exempt from the requirements of §63.648(a) and (c), if an owner or operator demonstrates that a compressor is in hydrogen service. §63.648(g)(1)-(2).	[G]§ 63.648(g)	§ 63.648(h) § 63.655(d)(3)	None
GRP-R5G	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.324(2) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	§ 115.326(1) [G]§ 115.326(2) § 115.326(3) § 115.326(4)	§ 115.326(1) § 115.327(4)
GRP-R5G	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives	§ 115.327(1)	Valves of nominal size of 2" (5 cm) or less are	None	None	§ 115.327(1)(A) § 115.327(1)(B)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Pet Ref B Counties		exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions.			§ 115.327(1)(C)
GRP-R5G	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5G	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(A) § 115.324(3) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5G	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(5)	No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5G	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No valve (gaseous service) may be allowed to have a VOC leak as	§ 115.324 § 115.324(2) § 115.324(2)(B)	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Counties	§ 115.322(4) § 115.322(5)	defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	§ 115.326(5)	
GRP-R5G	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5G	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
GRP-R5G	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5G	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(C) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-R5G	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3) § 115.327(6)	No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5G	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(A) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5G	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5G	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(D) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
GRP-R5G	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(5)	No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

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						more than 15 calendar days after the leak is found, except as provided in §115.322(2).			
GRP-R5G	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(5)	No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(C) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
GRP-R5G	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-R5G	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(d)	Comply with the requirements as stated in §60.482-1(d) for equipment in vacuum service.	None	§ 60.486(e) § 60.486(e)(1) § 60.486(e)(5)	None
GRP-R5G	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-2 [G]§ 60.482-9	Comply with the requirements as stated in §60.482-2 for pumps in light-liquid service.	[G]§ 60.482-2 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d) § 60.593(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GRP-R5G	EU	60GGGALL	VOC	40 CFR Part 60,	§ 60.592(a)	Comply with the	§ 60.482-3(f)	[G]§ 60.486(a)	§ 60.487(a)

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				Subpart GGG	§ 60.482-1(a) § 60.482-1(b) § 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) [G]§ 60.482-3(i) § 60.482-3(j) [G]§ 60.482-9 § 60.593(c)	requirements as stated in §60.482-3 for reciprocating compressors that become subject under §60.14 and §60.15.	§ 60.482-3(g)(1) § 60.482-3(g)(2) [G]§ 60.482-3(i) § 60.482-3(j) § 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.592(e)	[G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GRP-R5G	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-3 [G]§ 60.482-9	Comply with the requirements as stated in §60.482-3 for compressors.	[G]§ 60.482-3 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GRP-R5G	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-4 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-4 for pressure relief devices in gas/vapor service.	[G]§ 60.482-4 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GRP-R5G	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-5 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-5 for sampling connection systems.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GRP-R5G	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-6 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-6 for open-ended valves and lines.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GRP-R5G	EU	60GGGALL	VOC	40 CFR Part 60,	§ 60.592(a)	Comply with the	[G]§ 60.482-7	[G]§ 60.486(a)	§ 60.487(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Subpart GGG	§ 60.482-1(a) § 60.482-1(b) [G]§ 60.482-7 [G]§ 60.482-9 [G]§ 60.483-1 [G]§ 60.483-2 § 60.592(b)	requirements in as stated in §60.482-7 for valves in gas/vapor or light-liquid service.	[G]§ 60.483-1 [G]§ 60.483-2 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d) § 60.593(d)	[G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) [G]§ 60.486(g) § 60.486(j) § 60.592(e)	[G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d) § 60.487(e) § 60.592(e)
GRP-R5G	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-8 for pumps in heavy-liquid service.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GRP-R5G	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.18 § 60.482-1(a) § 60.482-1(b) § 60.482-10(d) § 60.482-10(e) § 60.482-10(m)	Comply with the requirements in as stated in §60.482-10 for flares.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) [G]§ 60.485(g) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GRP-R5G	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(e) [G]§ 60.482-10(g) § 60.482-10(h) § 60.482-10(m)	Comply with the requirements in as stated in §60.482-10 for closed-vent systems.	[G]§ 60.482-10(f) § 60.482-10(i) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.482-10(j) [G]§ 60.482-10(k) [G]§ 60.482-10(l) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GRP-R5G	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-8 for valves in heavy-liquid service.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 60.485(f) § 60.592(d)	§ 60.486(j) § 60.592(e)	
GRP-R5G	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-8 for flanges or other connectors.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GRP-R5G	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-8 for pressure relief devices in light-liquid service.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GRP-SRU3	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.324(2) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	§ 115.326(1) [G]§ 115.326(2) § 115.326(3) § 115.326(4)	§ 115.326(1) § 115.327(4)
GRP-SRU3	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.327(1)	Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions.	None	None	§ 115.327(1)(A) § 115.327(1)(B) § 115.327(1)(C)
GRP-SRU3	EU	R5322ALL	VOC	30 TAC Chapter	§ 115.322(1)	No pump seal, as	[G]§ 115.325	[G]§ 115.326(1)	[G]§ 115.326(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				115, Fugitives Pet Ref B Counties	§ 115.322(2) § 115.322(3) § 115.327(3)	described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).		§ 115.326(5)	§ 115.327(4)
GRP-SRU3	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(A) § 115.324(3) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-SRU3	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(5)	No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-SRU3	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
GRP-SRU3	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						calendar days after the leak is found, except as provided in §115.322(2).			
GRP-SRU3	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
GRP-SRU3	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-SRU3	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(C) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-SRU3	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3) § 115.327(6)	No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-SRU3	EU	R5322ALL	VOC	30 TAC Chapter	§ 115.322(1)	No compressor seal may	§ 115.324	[G]§ 115.326(1)	[G]§ 115.326(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				115, Fugitives Pet Ref B Counties	§ 115.322(2) § 115.322(3)	be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324(2) § 115.324(2)(A) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	§ 115.327(4)
GRP-SRU3	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-SRU3	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(D) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
GRP-SRU3	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(5)	No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-SRU3	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(5)	No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the	§ 115.324 § 115.324(2) § 115.324(2)(C) § 115.324(4) § 115.324(5) § 115.324(6)	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						leak is found, except as provided in §115.322(2).	[G]§ 115.324(7) [G]§ 115.325		
GRP-SRU3	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
GRP-SRU3	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(d)	Comply with the requirements as stated in §60.482-1(d) for equipment in vacuum service.	None	§ 60.486(e) § 60.486(e)(1) § 60.486(e)(5)	None
GRP-SRU3	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-2 [G]§ 60.482-9	Comply with the requirements as stated in §60.482-2 for pumps in light-liquid service.	[G]§ 60.482-2 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d) § 60.593(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GRP-SRU3	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) [G]§ 60.482-3(i) § 60.482-3(j) [G]§ 60.482-9 § 60.593(c)	Comply with the requirements as stated in §60.482-3 for reciprocating compressors that become subject under §60.14 and §60.15.	§ 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) [G]§ 60.482-3(i) § 60.482-3(j) § 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GRP-SRU3	EU	60GGGALL	VOC	40 CFR Part 60,	§ 60.592(a)	Comply with the	[G]§ 60.482-3	[G]§ 60.486(a)	§ 60.487(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Subpart GGG	§ 60.482-1(a) § 60.482-1(b) [G]§ 60.482-3 [G]§ 60.482-9	requirements as stated in §60.482-3 for compressors.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.592(e)	[G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GRP-SRU3	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-4 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-4 for pressure relief devices in gas/vapor service.	[G]§ 60.482-4 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GRP-SRU3	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-5 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-5 for sampling connection systems.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GRP-SRU3	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-6 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-6 for open-ended valves and lines.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GRP-SRU3	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-7 [G]§ 60.482-9 [G]§ 60.483-1 [G]§ 60.483-2 § 60.592(b)	Comply with the requirements in as stated in §60.482-7 for valves in gas/vapor or light-liquid service.	[G]§ 60.482-7 [G]§ 60.483-1 [G]§ 60.483-2 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d) § 60.593(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) [G]§ 60.486(g) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d) § 60.487(e) § 60.592(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-SRU3	EU	6oGGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-8 for pumps in heavy-liquid service.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GRP-SRU3	EU	6oGGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.18 § 60.482-1(a) § 60.482-1(b) § 60.482-10(d) § 60.482-10(e) § 60.482-10(m)	Comply with the requirements in as stated in §60.482-10 for flares.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) [G]§ 60.485(g) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GRP-SRU3	EU	6oGGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(e) [G]§ 60.482-10(g) § 60.482-10(h) § 60.482-10(m)	Comply with the requirements in as stated in §60.482-10 for closed-vent systems.	[G]§ 60.482-10(f) § 60.482-10(i) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.482-10(j) [G]§ 60.482-10(k) [G]§ 60.482-10(l) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GRP-SRU3	EU	6oGGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-8 for valves in heavy-liquid service.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GRP-SRU3	EU	6oGGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-8 for flanges or other connectors.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
GRP-SRU3	EU	6oGGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a)	Comply with the	[G]§ 60.482-8	[G]§ 60.486(a)	§ 60.487(a)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Subpart GGG	§ 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9	requirements in as stated in §60.482-8 for pressure relief devices in light-liquid service.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d)	[G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	[G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
LPG STORAG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.324(2) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	§ 115.326(1) [G]§ 115.326(2) § 115.326(3) § 115.326(4)	§ 115.326(1) § 115.327(4)
LPG STORAG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.327(1)	Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions.	None	None	§ 115.327(1)(A) § 115.327(1)(B) § 115.327(1)(C)
LPG STORAG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
LPG STORAG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B	§ 115.322(1) § 115.322(2) § 115.322(3)	No pump seal may be allowed to have a VOC leak as defined in §101.1	§ 115.324 § 115.324(1) § 115.324(1)(A)	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3)	[G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Counties		for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324(3) § 115.324(4) § 115.324(6) [G]§ 115.325	§ 115.326(5)	
LPG STORAG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(5)	No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
LPG STORAG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
LPG STORAG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
LPG STORAG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
LPG STORAG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
LPG STORAG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(C) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
LPG STORAG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3) § 115.327(6)	No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
LPG STORAG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(A) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
LPG STORAG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						days after the leak is found, except as provided in §115.322(2).			
LPG STORAG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(D) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
LPG STORAG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(5)	No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
LPG STORAG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(5)	No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(C) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
LPG STORAG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
MTBE-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.324(2) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	§ 115.326(1) [G]§ 115.326(2) § 115.326(3) § 115.326(4)	§ 115.326(1) § 115.327(4)
MTBE-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.327(1)	Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions.	None	None	§ 115.327(1)(A) § 115.327(1)(B) § 115.327(1)(C)
MTBE-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
MTBE-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(A) § 115.324(3) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
MTBE-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives	§ 115.322(1) § 115.322(2)	No valve (gaseous service), as described in	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Pet Ref B Counties	§ 115.322(3) § 115.322(4) § 115.327(5)	§ 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).			
MTBE-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
MTBE-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
MTBE-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
MTBE-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						days after the leak is found, except as provided in §115.322(2).			
MTBE-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(C) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
MTBE-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3) § 115.327(6)	No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
MTBE-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(A) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
MTBE-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
MTBE-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives	§ 115.322(1) § 115.322(2)	No elevated valve may be allowed to have a	§ 115.324 § 115.324(1)	[G]§ 115.326(1) [G]§ 115.326(2)	[G]§ 115.324(7) [G]§ 115.326(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Pet Ref B Counties	§ 115.322(3) § 115.322(4)	VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324(1)(D) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(3) § 115.326(5)	§ 115.327(4)
MTBE-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(5)	No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
MTBE-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(5)	No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(C) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
MTBE-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
MTBE-FUG	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(d)	Comply with the requirements as stated in §60.482-1(d) for equipment in vacuum service.	None	§ 60.486(e) § 60.486(e)(1) § 60.486(e)(5)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
MTBE-FUG	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-2 [G]§ 60.482-9	Comply with the requirements as stated in §60.482-2 for pumps in light-liquid service.	[G]§ 60.482-2 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d) § 60.593(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
MTBE-FUG	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) [G]§ 60.482-3(i) § 60.482-3(j) [G]§ 60.482-9 § 60.593(c)	Comply with the requirements as stated in §60.482-3 for reciprocating compressors that become subject under §60.14 and §60.15.	§ 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) [G]§ 60.482-3(i) § 60.482-3(j) § 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
MTBE-FUG	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-3 [G]§ 60.482-9	Comply with the requirements as stated in §60.482-3 for compressors.	[G]§ 60.482-3 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
MTBE-FUG	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-4 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-4 for pressure relief devices in gas/vapor service.	[G]§ 60.482-4 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
MTBE-FUG	EU	60GGGALL	VOC	40 CFR Part 60,	§ 60.592(a)	Comply with the	§ 60.485(a)	[G]§ 60.486(a)	§ 60.487(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Subpart GGG	§ 60.482-1(a) § 60.482-1(b) [G]§ 60.482-5 [G]§ 60.482-9	requirements in as stated in §60.482-5 for sampling connection systems.	[G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	§ 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	[G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
MTBE-FUG	EU	6oGGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-6 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-6 for open-ended valves and lines.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
MTBE-FUG	EU	6oGGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-7 [G]§ 60.482-9 [G]§ 60.483-1 [G]§ 60.483-2 § 60.592(b)	Comply with the requirements in as stated in §60.482-7 for valves in gas/vapor or light-liquid service.	[G]§ 60.482-7 [G]§ 60.483-1 [G]§ 60.483-2 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d) § 60.593(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) [G]§ 60.486(g) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d) § 60.487(e) § 60.592(e)
MTBE-FUG	EU	6oGGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-8 for pumps in heavy-liquid service.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
MTBE-FUG	EU	6oGGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.18 § 60.482-1(a) § 60.482-1(b) § 60.482-10(d) § 60.482-10(e) § 60.482-10(m)	Comply with the requirements in as stated in §60.482-10 for flares.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) [G]§ 60.485(g) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
MTBE-FUG	EU	6oGGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b)	Comply with the requirements in as stated in §60.482-10 for	[G]§ 60.482-10(f) § 60.482-10(i) § 60.485(a)	[G]§ 60.482-10(j) [G]§ 60.482-10(k) [G]§ 60.482-10(l)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-10(e) [G]§ 60.482-10(g) § 60.482-10(h) § 60.482-10(m)	closed-vent systems.	[G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 60.592(e)	§ 60.487(e) § 60.592(e)
MTBE-FUG	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-8 for valves in heavy-liquid service.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
MTBE-FUG	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-8 for flanges or other connectors.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
MTBE-FUG	EU	60GGGALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9	Comply with the requirements in as stated in §60.482-8 for pressure relief devices in light-liquid service.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)
MVRUF	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.324(2) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	§ 115.326(1) [G]§ 115.326(2) § 115.326(3) § 115.326(4)	§ 115.326(1) § 115.327(4)
MVRUF	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B	§ 115.327(1)	Valves of nominal size of 2" (5 cm) or less are exempt, provided	None	None	§ 115.327(1)(A) § 115.327(1)(B) § 115.327(1)(C)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Counties		allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions.			
MVRUF	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
MVRUF	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(A) § 115.324(3) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
MVRUF	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(5)	No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
MVRUF	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for	§ 115.324 § 115.324(2) § 115.324(2)(B) § 115.324(4)	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.322(5)	more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324(6) [G]§ 115.324(7) [G]§ 115.325		
MVRUF	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
MVRUF	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
MVRUF	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
MVRUF	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(C) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
MVRUF	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3) § 115.327(6)	No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
MVRUF	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(A) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
MVRUF	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
MVRUF	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(D) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
MVRUF	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(5)	No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						more than 15 calendar days after the leak is found, except as provided in §115.322(2).			
MVRUF	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(5)	No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(C) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
MVRUF	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
MVRUF	EU	63CCVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(d)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for equipment in vacuum service.	None	§ 60.486(e) § 60.486(e)(1) § 60.486(e)(5)	None
MVRUF	EU	63CCVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-2 [G]§ 60.482-9 § 63.648(a)(2) § 63.648(f) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2.	[G]§ 60.482-2 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
								§ 63.655(d)(6) § 63.655(i)(5)	
MVRUF	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-3 [G]§ 60.482-9 § 63.648(a)(2) § 63.648(i) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3.	[G]§ 60.482-3 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
MVRUF	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-4(a) § 60.482-4(b)(1) [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in gas/vapor service.	§ 60.482-4(b)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
MVRUF	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-5 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for sampling connection systems complying with §60.482-5.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
MVRUF	EU	63CCVVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-6 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for open-ended valves or lines complying with §60.482-6.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
MVRUF	EU	63CCVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-7 [G]§ 60.482-9 [G]§ 60.483-1 [G]§ 60.483-2 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in light liquid service complying with §60.482-7.	[G]§ 60.482-7 [G]§ 60.483-1 [G]§ 60.483-2 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) [G]§ 60.486(g) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d) § 60.487(e)
MVRUF	EU	63CCVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
MVRUF	EU	63CCVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
MVRUF	EU	63CCVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

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								§ 63.655(i)(5)	
MVRUF	EU	63CCVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
MVRUF	EU	63CCVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in heavy liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
MVRUF	EU	63CCVALL	112(B) HAPS	40 CFR Part 63, Subpart CC	[G]§ 63.648(g)	Compressors in hydrogen service are exempt from the requirements of §63.648(a) and (c), if an owner or operator demonstrates that a compressor is in hydrogen service. §63.648(g)(1)-(2).	[G]§ 63.648(g)	§ 63.648(h) § 63.655(d)(3) § 63.655(i)(5)	None
OLEFLEX-FU	EU	60VVALL	VOC	40 CFR Part 60, Subpart VV	§ 60.482-1(d)	Equipment that is in vacuum service is excluded from the requirements of §60.482-2 to §60.482-10, if it is identified as required in §60.486(e)(5).	None	§ 60.486(e) § 60.486(e)(1) § 60.486(e)(5)	None

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OLEFLEX-FU	EU	6oVVALL	VOC	40 CFR Part 60, Subpart VV	[G]§ 60.482-2 § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-9	Pumps in light liquid service shall comply with the requirements outlined in § 60.482-2(a)-(f).	[G]§ 60.482-2 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
OLEFLEX-FU	EU	6oVVALL	VOC	40 CFR Part 60, Subpart VV	[G]§ 60.482-10(g) § 60.482-1(a) § 60.482-1(b) § 60.482-10(e) § 60.482-10(h) § 60.482-10(m)	Leaks, as indicated by the specified instrument or by visual inspections, shall be repaired as soon as practicable except as provided in § 60.482-10(h). § 60.482-10(g)(1)-(2)	[G]§ 60.482-10(f) § 60.482-10(i) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.482-10(j) [G]§ 60.482-10(k) [G]§ 60.482-10(l) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
OLEFLEX-FU	EU	6oVVALL	VOC	40 CFR Part 60, Subpart VV	§ 60.482-10(d) § 60.18 § 60.482-1(a) § 60.482-1(b) § 60.482-10(e) § 60.482-10(m)	Flares used to comply with this subpart shall comply with the requirements of §60.18.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) [G]§ 60.485(g)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
OLEFLEX-FU	EU	6oVVALL	VOC	40 CFR Part 60, Subpart VV	[G]§ 60.482-3 § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-9	Compressors shall comply with the requirements outlined in § 60.482-3(a)-(j).	[G]§ 60.482-3 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
OLEFLEX-FU	EU	6oVVALL	VOC	40 CFR Part 60, Subpart VV	[G]§ 60.482-6 § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-9	Open-ended valves or lines shall comply with the requirements outlined in § 60.482-6(a)-(c).	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
OLEFLEX-FU	EU	6oVVALL	VOC	40 CFR Part 60, Subpart VV	[G]§ 60.482-7 § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-9 [G]§ 60.483-1 [G]§ 60.483-2	Valves in gas/vapor service and in light liquid service shall comply with the requirements outlined in § 60.482-7(a)-(h).	[G]§ 60.482-7 [G]§ 60.483-1 [G]§ 60.483-2 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) [G]§ 60.486(g) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d) § 60.487(e)
OLEFLEX-FU	EU	6oVVALL	VOC	40 CFR Part 60, Subpart VV	§ 60.482-4(a) § 60.482-1(a) § 60.482-1(b) § 60.482-4(b)(1) § 60.482-4(b)(2) § 60.482-4(d)(1) § 60.482-4(d)(2) [G]§ 60.482-9	Except during pressure releases, each pressure relief device in gas/vapor service shall be operated with no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background.	§ 60.482-4(b)(1) § 60.482-4(b)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
OLEFLEX-FU	EU	6oVVALL	VOC	40 CFR Part 60, Subpart VV	[G]§ 60.482-8 § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-9	Pumps in heavy liquid service shall comply with the requirements of §60.482-8(a)-(d).	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
OLEFLEX-FU	EU	6oVVALL	VOC	40 CFR Part 60, Subpart VV	[G]§ 60.482-8 § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-9	Pressure relief devices in light-liquid service shall comply with the requirements of §60.482-8(a)-(d).	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
OLEFLEX-FU	EU	6oVVALL	VOC	40 CFR Part 60, Subpart VV	[G]§ 60.482-8 § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-9	Pressure relief devices in heavy liquid service shall comply with the requirements of §60.482-8(a)-(d).	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
OLEFLEX-FU	EU	60VVALL	VOC	40 CFR Part 60, Subpart VV	[G]§ 60.482-8 § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-9	Flanges and other connectors shall comply with the requirements of §60.482-8(a)-(d).	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
OLEFLEX-FU	EU	60VVALL	VOC	40 CFR Part 60, Subpart VV	[G]§ 60.482-8 § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-9	Valves in heavy liquid service shall comply with the requirements of §60.482-8(a)-(d).	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
OLEFLEX-FU	EU	60VVALL	VOC	40 CFR Part 60, Subpart VV	[G]§ 60.482-5 § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-9	Sampling connection systems shall be in compliance with the requirements outlined in § 60.482-5(a)-(c).	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
RAIL-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.324(2) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	§ 115.326(1) [G]§ 115.326(2) § 115.326(3) § 115.326(4)	§ 115.326(1) § 115.327(4)
RAIL-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.327(1)	Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions.	None	None	§ 115.327(1)(A) § 115.327(1)(B) § 115.327(1)(C)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
RAIL-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
RAIL-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(A) § 115.324(3) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
RAIL-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(5)	No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
RAIL-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
RAIL-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3)	No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.327(5)	for more than 15 calendar days after the leak is found, except as provided in §115.322(2).			
RAIL-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
RAIL-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
RAIL-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(C) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
RAIL-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3) § 115.327(6)	No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
RAIL-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(A) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
RAIL-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
RAIL-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(D) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
RAIL-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(5)	No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
RAIL-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(5)	No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15	§ 115.324 § 115.324(2) § 115.324(2)(C) § 115.324(4) § 115.324(5)	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)

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						calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324(6) [G]§ 115.324(7) [G]§ 115.325		
RAIL-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
RAIL-FUG	EU	63CCALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(c)(1) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.163 [G]§ 63.171 [G]§ 63.176 § 63.648(f) § 63.655(d)(2)	Comply with the specified Subpart H requirements for pumps in light liquid service, instrument readings that define a leak are specified in Subpart CC, table 2.	[G]§ 63.163 [G]§ 63.176 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(3) § 63.648(c)(4) § 63.648(c)(6) § 63.648(c)(7) § 63.648(c)(8)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(3) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(8) § 63.181(h)(9) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(v)
RAIL-FUG	EU	63CCALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for non-reciprocating pumps in heavy liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
RAIL-FUG	EU	63CCALL	112(B)	40 CFR Part 63,	§ 63.648(a)	Comply with the	[G]§ 63.164	§ 63.181(a)	[G]§ 63.182(a)

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			HAPS	Subpart CC	§ 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.164 [G]§ 63.171 § 63.648(i) § 63.655(d)(2)	specified Subpart H requirements for compressors which are not in hydrogen service.	[G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d) [G]§ 63.648(b)	[G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(f) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6) § 63.655(i)(5)	§ 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
RAIL-FUG	EU	63CCALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.165 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for pressure relief devices in gas/vapor service.	[G]§ 63.165 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(f) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
RAIL-FUG	EU	63CCALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for pressure relief device in liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
RAIL-FUG	EU	63CCALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.166 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for sampling connection systems.	[G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(i) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
RAIL-FUG	EU	63CCALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(g)	Comply with the specified Subpart H requirements for open-ended valves and lines.	[G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) § 63.181(h)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.162(h) [G]§ 63.167 [G]§ 63.171 [G]§ 63.175 § 63.655(d)(2)			[G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(9) [G]§ 63.181(i) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.655(e)
RAIL-FUG	EU	63CCALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(c)(1) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.168 [G]§ 63.171 [G]§ 63.175 § 63.648(c)(9) § 63.655(d)(2)	Comply with the specified Subpart H requirements for valves in gas/vapor and light liquid service, instrument readings defining a leak are specified in Subpart CC, table 2.	[G]§ 63.168 [G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(3) § 63.648(c)(4) § 63.648(c)(8)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(9) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(v)
RAIL-FUG	EU	63CCALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for valves in heavy liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
RAIL-FUG	EU	63CCALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(c)(5) § 63.162(a) § 63.162(c) [G]§ 63.162(f)	Connectors in gas/vapor or light liquid are subject to the requirements in heavy	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.649(a) § 63.655(d)(2)	liquid service in §63.169. The leak definition for specified systems subject to §63.169 is 1,000 parts per million.	§ 63.648(c)(2)(i) § 63.648(c)(4)	§ 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(v)
RAIL-FUG	EU	63CCALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for connectors in heavy liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
RAIL-FUG	EU	63CCALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for instrumentation systems.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
RAIL-FUG	EU	63CCALL	112(B) HAPS	40 CFR Part 63, Subpart CC	[G]§ 63.648(g)	Compressors in hydrogen service are exempt from the requirements of §63.648(a) and (c), if an owner or operator demonstrates that a compressor is in hydrogen service. §63.648(g)(1)-(2).	[G]§ 63.648(g)	§ 63.648(h) § 63.655(d)(3)	None
WWTP-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for	[G]§ 115.324(2) § 115.324(4) § 115.324(5) § 115.324(6)	§ 115.326(1) [G]§ 115.326(2) § 115.326(3) § 115.326(4)	§ 115.326(1) § 115.327(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.322(5)	more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.324(7) [G]§ 115.325		
WWTP-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.327(1)	Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions.	None	None	§ 115.327(1)(A) § 115.327(1)(B) § 115.327(1)(C)
WWTP-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
WWTP-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(A) § 115.324(3) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
WWTP-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(5)	No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						calendar days after the leak is found, except as provided in §115.322(2).			
WWTP-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
WWTP-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
WWTP-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
WWTP-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
WWTP-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(C) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
WWTP-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3) § 115.327(6)	No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
WWTP-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(A) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
WWTP-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
WWTP-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as	§ 115.324 § 115.324(1) § 115.324(1)(D) § 115.324(4) § 115.324(6) [G]§ 115.324(7)	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						provided in §115.322(2).	[G]§ 115.325		
WWTP-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(5)	No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
WWTP-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(5)	No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(C) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
WWTP-FUG	EU	R5322ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
SRU	EU	REG2	SO2	30 TAC Chapter 112, Sulfur Compounds	§ 112.7(a) § 112.7(b)	No person may cause, suffer, allow, or permit emissions of SO2 to exceed the emission limits specified for stack effluent flow rates < 4,000 scfm as determined by the specified equation.	§ 112.2(a) ** See CAM Summary	§ 112.2(c)	§ 112.2(b)

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SRU3	EU	REG2	SO2	30 TAC Chapter 112, Sulfur Compounds	§ 112.7(a) § 112.7(b)	No person may cause, suffer, allow, or permit emissions of SO2 to exceed the emission limits specified for stack effluent flow rates < 4,000 scfm as determined by the specified equation.	§ 112.2(a) ** See CAM Summary	§ 112.2(c)	§ 112.2(b)
BARGEDOCKS	EU	61BB	BENZENE	40 CFR Part 61, Subpart BB	§ 61.300(b)	Any affected facility as per § 61.300(a), loading only liquid containing < 70 weight-percent benzene is exempt from this subpart, except for the recordkeeping and reporting in § 61.305(i).	None	[G]§ 61.305(i)	[G]§ 61.305(i)
BARGEDOCKS	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.651(a)	Except as provided in §63.651(b)-(d), each owner or operator of a marine tank vessel loading operation located at a petroleum refinery shall comply with the requirements of §63.560 through §63.567.	§ 63.642(d)(1) § 63.642(d)(3) § 63.642(d)(4)	§ 63.642(e) § 63.655(c) § 63.655(i)(5)	§ 63.642(d)(2) § 63.642(f) § 63.655(c)
BARGEDOCKS	EU	63Ya	EXEMPT	40 CFR Part 63, Subpart Y	§ 63.560(a)(2) § 153.282 § 63.560(a)(4)	Existing sources with emissions less than 10 and 25 tons must meet the submerged fill standards of 46 CFR 153.282. This submerged fill requirement does not apply to petroleum refineries.	§ 63.565(l)	§ 63.567(j)(4)	None
BARGEDOCKS	EU	63Yb	112(B)	40 CFR Part 63,	§ 63.562(b)	Marine tank vessel	[G]§ 63.562(b)(6)	[G]§ 63.562(b)(6)	[G]§ 63.562(b)(6)

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			HAPS	Subpart Y	[G]§ 63.562(b)(1) § 63.562(b)(2) § 63.562(b)(5) [G]§ 63.562(b)(6) § 63.562(e) § 63.562(e)(1) [G]§ 63.562(e)(2) [G]§ 63.562(e)(3) § 63.562(e)(4) § 63.562(e)(5) § 63.562(e)(6) § 63.562(e)(7) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) [G]§ 63.563(a)(1) § 63.563(a)(2) § 63.563(a)(3)	loading operations shall apply MACT standards, except for the VMT source.	[G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.563(b)(10) § 63.563(b)(3) § 63.563(b)(6) § 63.563(b)(6)(i) § 63.563(b)(6)(iii) [G]§ 63.563(c) § 63.564(a)(2) § 63.564(a)(3) § 63.564(a)(4) § 63.564(b)(3) § 63.564(c) [G]§ 63.565(b) § 63.565(l)	§ 63.562(e)(5) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.564(b)(3) § 63.567(f) [G]§ 63.567(g) § 63.567(j)(1) § 63.567(j)(2) [G]§ 63.567(k)	§ 63.562(e)(7)(ii) § 63.567(b)(5) § 63.567(c) § 63.567(e)(1) [G]§ 63.567(e)(2) § 63.567(e)(3) § 63.567(e)(4) § 63.567(e)(5) § 63.567(e)(6) § 63.567(f) § 63.567(j)(3) § 63.567(m) § 63.567(m) § 63.567(n)(1) § 63.567(n)(2)
BARGEDOCKS	EU	63Yb	VOC	40 CFR Part 63, Subpart Y	§ 63.562(c) [G]§ 63.562(c)(2) § 63.562(c)(3) § 63.562(c)(4) [G]§ 63.562(c)(6) § 63.562(e) § 63.562(e)(1) [G]§ 63.562(e)(2) [G]§ 63.562(e)(3) § 63.562(e)(4) § 63.562(e)(5) § 63.562(e)(6) § 63.562(e)(7) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) [G]§ 63.563(a)(1) § 63.563(a)(2) § 63.563(a)(3)	RACT standards, except the VMT source.	[G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.563(b)(3) § 63.563(b)(6) § 63.563(b)(6)(i) § 63.563(b)(6)(iii) [G]§ 63.563(c) § 63.564(a)(2) § 63.564(a)(3) § 63.564(a)(4) § 63.564(b)(3) § 63.564(c) [G]§ 63.565(b) § 63.565(l)	§ 63.562(e)(5) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.564(b)(3) § 63.567(f) [G]§ 63.567(g) § 63.567(j)(1) [G]§ 63.567(k)	§ 63.562(c)(1) § 63.562(e)(7)(ii) [G]§ 63.567(b)(2) § 63.567(b)(3) [G]§ 63.567(b)(4) § 63.567(c) § 63.567(e)(1) [G]§ 63.567(e)(2) § 63.567(e)(3) § 63.567(e)(4) § 63.567(e)(5) § 63.567(e)(6) § 63.567(f) § 63.567(m) § 63.567(n)(1) § 63.567(n)(2)
RAILRACK1	EU	R5211	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(3)(A) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D)	Plants, excluding gasoline bulk plants, which load <20,000 gallons of VOC into	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B) § 115.216(3)(D)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.214(b)(1)(D)(i)	transport vessels per day with a true vapor pressure of 1.5 psia or greater are exempt from this division, except for the specified requirements.			
SHIPDOCKS	EU	61BB	BENZENE	40 CFR Part 61, Subpart BB	§ 61.300(b)	Any affected facility as per § 61.300(a), loading only liquid containing < 70 weight-percent benzene is exempt from this subpart, except for the recordkeeping and reporting in § 61.305(i).	None	[G]§ 61.305(i)	[G]§ 61.305(i)
SHIPDOCKS	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.651(a)	Except as provided in §63.651(b)-(d), each owner or operator of a marine tank vessel loading operation located at a petroleum refinery shall comply with the requirements of §63.560 through §63.567.	§ 63.642(d)(1) § 63.642(d)(3) § 63.642(d)(4)	§ 63.642(e) § 63.655(c) § 63.655(i)(5)	§ 63.642(d)(2) § 63.642(f) § 63.655(c)
SHIPDOCKS	EU	63Ya	EXEMPT	40 CFR Part 63, Subpart Y	§ 63.560(a)(2) § 153.282 § 63.560(a)(4)	Existing sources with emissions less than 10 and 25 tons must meet the submerged fill standards of 46 CFR 153.282. This submerged fill requirement does not apply to petroleum refineries.	§ 63.565(l)	§ 63.567(j)(4)	None
SHIPDOCKS	EU	63Yb	112(B) HAPS	40 CFR Part 63, Subpart Y	§ 63.562(b) [G]§ 63.562(b)(1) § 63.562(b)(2)	Marine tank vessel loading operations shall apply MACT standards,	[G]§ 63.562(b)(6) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii)	[G]§ 63.562(b)(6) § 63.562(e)(5) [G]§ 63.562(e)(7)(i)	[G]§ 63.562(b)(6) § 63.562(e)(7)(ii) § 63.567(b)(5)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.562(b)(5) [G]§ 63.562(b)(6) § 63.562(e) § 63.562(e)(1) [G]§ 63.562(e)(2) [G]§ 63.562(e)(3) § 63.562(e)(4) § 63.562(e)(5) § 63.562(e)(6) § 63.562(e)(7) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) [G]§ 63.563(a)(1) § 63.563(a)(2) § 63.563(a)(3)	except for the VMT source.	§ 63.563(b)(10) § 63.563(b)(3) § 63.563(b)(6) § 63.563(b)(6)(i) § 63.563(b)(6)(iii) [G]§ 63.563(c) § 63.564(a)(2) § 63.564(a)(3) § 63.564(a)(4) § 63.564(b)(3) § 63.564(c) [G]§ 63.565(b) § 63.565(l)	§ 63.562(e)(7)(ii) § 63.564(b)(3) § 63.567(f) [G]§ 63.567(g) § 63.567(j)(1) § 63.567(j)(2) [G]§ 63.567(k)	§ 63.567(c) § 63.567(e)(1) [G]§ 63.567(e)(2) § 63.567(e)(3) § 63.567(e)(4) § 63.567(e)(5) § 63.567(e)(6) § 63.567(f) § 63.567(j)(3) § 63.567(m) § 63.567(n)(1) § 63.567(n)(2)
SHIPDOCKS	EU	63Yb	VOC	40 CFR Part 63, Subpart Y	§ 63.562(c) [G]§ 63.562(c)(2) § 63.562(c)(3) § 63.562(c)(4) [G]§ 63.562(c)(6) § 63.562(e) § 63.562(e)(1) [G]§ 63.562(e)(2) [G]§ 63.562(e)(3) § 63.562(e)(4) § 63.562(e)(5) § 63.562(e)(6) § 63.562(e)(7) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) [G]§ 63.563(a)(1) § 63.563(a)(2) § 63.563(a)(3)	RACT standards, except the VMT source.	[G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.563(b)(3) § 63.563(b)(6) § 63.563(b)(6)(i) § 63.563(b)(6)(iii) [G]§ 63.563(c) § 63.564(a)(2) § 63.564(a)(3) § 63.564(a)(4) § 63.564(b)(3) § 63.564(c) [G]§ 63.565(b) § 63.565(l)	§ 63.562(e)(5) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.564(b)(3) § 63.567(f) [G]§ 63.567(g) § 63.567(j)(1) [G]§ 63.567(k)	§ 63.562(c)(1) § 63.562(e)(7)(ii) [G]§ 63.567(b)(2) § 63.567(b)(3) [G]§ 63.567(b)(4) § 63.567(c) § 63.567(e)(1) [G]§ 63.567(e)(2) § 63.567(e)(3) § 63.567(e)(4) § 63.567(e)(5) § 63.567(e)(6) § 63.567(f) § 63.567(m) § 63.567(n)(1) § 63.567(n)(2)
T-RACK	EU	R5211a	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.211(2) § 115.212(b)(3)(A) § 115.212(b)(3)(A)(i) § 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.212(b)(3)(E)	Gasoline terminals, in the covered attainment counties, shall ensure that VOC emissions do not exceed 0.17lb/1,000gal, and	§ 115.212(b)(3)(B) § 115.212(b)(4)(C) § 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.214(b)(1)(A)(ii) § 115.214(b)(1)(A)(iii)	§ 115.216 § 115.216(1) § 115.216(1)(A) § 115.216(1)(A)(iv) § 115.216(2) § 115.216(3)(A)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.212(b)(4)(A) § 115.212(b)(4)(B) § 115.212(b)(4)(C) § 115.214(b)(1)(B) § 115.214(b)(1)(C)	until 4/30/00 in Gregg, Nueces, and Victoria Counties 0.67lb/1,000gal.	§ 115.214(b)(2) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) § 115.215(4) § 115.215(5) § 115.215(6) § 115.215(9) § 115.216(1) § 115.216(1)(A) § 115.216(1)(A)(iv) ** See CAM Summary	§ 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B) [G]§ 115.216(3)(E)	
T-RACK	EU	R5211b	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
T-RACK	EU	R5211c	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(4) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Crude oil, condensate, and liquefied petroleum gas. All loading and unloading of crude oil, condensate, and liquefied petroleum gas is exempt from division, except for the specified requirements.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i)	§ 115.216 § 115.216(3)(A)(ii) § 115.216(3)(B)	None
T-RACK	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.650(a) § 60.502(a) § 60.502(d) § 60.502(g) § 60.502(h) § 60.502(i) § 63.422(a) § 63.422(b)	A gasoline loading rack classified under SIC 2911 located within a contiguous area and under common control with a petroleum refinery shall comply with specified sections.	§ 60.503(a) § 60.503(b) § 60.503(d) § 60.503(d)(1) § 60.503(d)(2) § 63.425(a) § 63.425(b) § 63.425(b)(1)	§ 60.503(d)(2) § 63.425(b)(1) § 63.425(c) § 63.428(c)(1) § 63.428(c)(2) § 63.428(c)(2)(i) § 63.642(e) § 63.655(b)	§ 63.428(c)(2) § 63.428(c)(2)(i) § 63.428(h)(1) § 63.642(d)(2) § 63.642(f) § 63.655(b)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.427(b)		§ 63.425(b)(2) § 63.425(b)(3) § 63.427(a) § 63.427(a)(3) § 63.427(b) § 63.642(d)(1) § 63.642(d)(3) § 63.642(d)(4)	§ 63.655(i)(5)	
GRP-RRR	EP	6oRRRa	VOC/TOC	40 CFR Part 60, Subpart RRR	§ 60.702(a) [G]§ 60.704(b)(5)	For each vent stream, reduce TOC by 98%w or to a TOC concentration of 20 ppmv, on a dry basis corrected to 3% oxygen, whichever is less stringent. If a boiler or process heater is used, introduce vent stream as specified.	§ 60.703(c) § 60.704(a) § 60.704(b) § 60.704(b)(1) § 60.704(b)(2) § 60.704(b)(3) [G]§ 60.704(b)(4)	§ 60.705(b) § 60.705(b)(2)(i) § 60.705(c) § 60.705(c)(4) § 60.705(s)	§ 60.705(a) § 60.705(b) § 60.705(b)(2)(i) § 60.705(c) § 60.705(c)(4) § 60.705(k) § 60.705(l) § 60.705(l)(1) § 60.705(s)
GRP-RRR	EP	6oRRRb	VOC/TOC	40 CFR Part 60, Subpart RRR	§ 60.702(a) [G]§ 60.704(b)(5)	For each vent stream, reduce TOC by 98%w or to a TOC concentration of 20 ppmv, on a dry basis corrected to 3% oxygen, whichever is less stringent. If a boiler or process heater is used, introduce vent stream as specified.	§ 60.703(c) § 60.704(a) § 60.704(b) § 60.704(b)(1) § 60.704(b)(2) § 60.704(b)(3) [G]§ 60.704(b)(4)	§ 60.705(b) § 60.705(b)(2)(i) § 60.705(c) § 60.705(c)(4) § 60.705(s)	§ 60.705(a) § 60.705(b) § 60.705(b)(2)(i) § 60.705(c) § 60.705(c)(4) § 60.705(k) § 60.705(l) § 60.705(l)(1) § 60.705(s)
GRP-RRR	EP	6oRRRc	VOC/TOC	40 CFR Part 60, Subpart RRR	§ 60.702(b) § 60.18	For each vent stream, combust the emissions in a flare that meets the requirements of §60.18.	§ 60.703(b) § 60.703(b)(1) § 60.704(a) § 60.704(c) [G]§ 60.704(d)	§ 60.705(b) § 60.705(b)(3) § 60.705(e) § 60.705(s)	§ 60.705(a) § 60.705(b) § 60.705(b)(3) § 60.705(k) § 60.705(l) § 60.705(l)(3) § 60.705(s)
DEGREASE-F	EU	R5412	VOC	30 TAC Chapter 115, Degreasing Processes	§ 115.417(5)	In Gregg, Nueces, and Victoria Counties, operations which can	None	§ 115.416 § 115.416(3)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						emit, when uncontrolled, a combined weight of VOC < 550 pounds in any consecutive 24-hour period are exempt from § 115.412.			
16-P-11-EN	EU	63-ZZZZ	EXEMPT	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6595(c) § 63.6605(b) [G]§ 63.6640(f)(1)	An affected source which meets either of the criteria in paragraph (b)(1)(i) through (ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of 63.6645(d).	None	None	§ 63.6645(c) § 63.6645(f)
16-P-12-EN	EU	63-ZZZZ	EXEMPT	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6595(c) § 63.6605(b) [G]§ 63.6640(f)(1)	An affected source which meets either of the criteria in paragraph (b)(1)(i) through (ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of 63.6645(d).	None	None	§ 63.6645(c) § 63.6645(f)
16-P-13-EN	EU	63-ZZZZ	EXEMPT	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6595(c) § 63.6605(b) [G]§ 63.6640(f)(1)	An affected source which meets either of the criteria in paragraph (b)(1)(i) through (ii) of this section does not have to meet the requirements of this subpart and of subpart A	None	None	§ 63.6645(c) § 63.6645(f)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						of this part except for the initial notification requirements of 63.6645(d).			
16-P-14-EN	EU	63-ZZZZ	EXEMPT	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6595(c) § 63.6605(b) [G]§ 63.6640(f)(1)	An affected source which meets either of the criteria in paragraph (b)(1)(i) through (ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of 63.6645(d).	None	None	§ 63.6645(c) § 63.6645(f)
16-P-4-EN	EU	63-ZZZZ	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.1 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(h) § 63.6625(i) § 63.6640(b) [G]§ 63.6640(f)(1)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at a major source, you must comply with the requirements as specified in Table 2c.1.a-c.	§ 63.6625(f) § 63.6625(i) § 63.6640(a) § 63.6640(a)-Table6.9.a.i § 63.6640(a)-Table6.9.a.ii § 63.6640(b)	§ 63.6625(i) § 63.6655(a) § 63.6655(a)(1) § 63.6655(a)(2) § 63.6655(a)(4) § 63.6655(a)(5) § 63.6655(d) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(b) § 63.6640(e) § 63.6650(f)
16-P-7-EN	EU	63-ZZZZ	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.1 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(h) § 63.6625(i) § 63.6640(b) [G]§ 63.6640(f)(1)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at a major source, you must comply with the requirements as specified in Table 2c.1.a-c.	§ 63.6625(f) § 63.6625(i) § 63.6640(a) § 63.6640(a)-Table6.9.a.i § 63.6640(a)-Table6.9.a.ii § 63.6640(b)	§ 63.6625(i) § 63.6655(a) § 63.6655(a)(1) § 63.6655(a)(2) § 63.6655(a)(4) § 63.6655(a)(5) § 63.6655(d) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b)	§ 63.6640(b) § 63.6640(e) § 63.6650(f)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
								§ 63.6660(c)	
17-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.327(1)	Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions.	None	None	§ 115.327(1)(A) § 115.327(1)(B) § 115.327(1)(C)
17-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
17-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(A) § 115.324(3) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
17-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(5)	No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
17-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
17-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
17-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
17-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
17-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15	§ 115.324 § 115.324(1) § 115.324(1)(C) § 115.324(4)	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324(6) [G]§ 115.325		
17-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3) § 115.327(6)	No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
17-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(A) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
17-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
17-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(D) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
17-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives	§ 115.322(1) § 115.322(2)	No pressure relief valve in gaseous service, as	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Pet Ref B Counties	§ 115.322(3) § 115.327(5)	described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).			
17-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(5)	No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(C) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
17-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
17-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
17-FUG	EU	60GGGaVVa	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.590a(a) The permit holder shall comply with the applicable limitation, standard and/or equipment	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart GGGa	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 60, Subpart	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 60, Subpart	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 60, Subpart GGGa

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					specification requirements of 40 CFR Part 60, Subpart GGGa		GGGa	GGGa	
17-FUG	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(c)(1) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.163 [G]§ 63.171 [G]§ 63.176 § 63.648(f) § 63.655(d)(2)	Comply with the specified Subpart H requirements for pumps in light liquid service, instrument readings that define a leak are specified in Subpart CC, table 2.	[G]§ 63.163 [G]§ 63.176 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(3) § 63.648(c)(4) § 63.648(c)(6) § 63.648(c)(7) § 63.648(c)(8)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(3) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(8) § 63.181(h)(9) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(v)
17-FUG	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for non-reciprocating pumps in heavy liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
17-FUG	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.164 [G]§ 63.171 § 63.648(i) § 63.655(d)(2)	Comply with the specified Subpart H requirements for compressors which are not in hydrogen service.	[G]§ 63.164 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(f) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
17-FUG	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.165 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for pressure relief devices in gas/vapor service.	[G]§ 63.165 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(f) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
17-FUG	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for pressure relief device in liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
17-FUG	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.166 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for sampling connection systems.	[G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(i) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
17-FUG	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.167 [G]§ 63.171 [G]§ 63.175 § 63.655(d)(2)	Comply with the specified Subpart H requirements for open-ended valves and lines.	[G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(9) [G]§ 63.181(i) § 63.648(h) § 63.655(d)(1)(i)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
								§ 63.655(i)(5)	
17-FUG	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(c)(1) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.168 [G]§ 63.171 [G]§ 63.175 § 63.648(c)(9) § 63.655(d)(2)	Comply with the specified Subpart H requirements for valves in gas/vapor and light liquid service, instrument readings defining a leak are specified in Subpart CC, table 2.	[G]§ 63.168 [G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(3) § 63.648(c)(4) § 63.648(c)(8)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(9) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) § 63.655(f)(1)(v) § 63.655(f)(1)(v)
17-FUG	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for valves in heavy liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
17-FUG	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(c)(5) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.649(a) § 63.655(d)(2)	Connectors in gas/vapor or light liquid are subject to the requirements in heavy liquid service in §63.169. The leak definition for specified systems subject to §63.169 is 1,000 parts per million.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(4)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(v)
17-FUG	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c)	Comply with the specified Subpart H requirements for	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	connectors in heavy liquid service.	[G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	[G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(d) [G]§ 63.655(e)
17-FUG	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for instrumentation systems.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
17-FUG	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.11(b) § 63.172(d) § 63.172(e) [G]§ 63.172(h) § 63.172(m) § 63.655(d)(2)	Comply with the specified Subpart H requirements for flares.	§ 63.172(e) [G]§ 63.172(h) [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.180(e)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) § 63.181(g)(1)(iii) § 63.181(g)(1)(iv) [G]§ 63.181(g)(2) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) [G]§ 63.655(f)(1)(i)(D)
17-FUG	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	[G]§ 63.648(g)	Compressors in hydrogen service are exempt from the requirements of §63.648(a) and (c), if an owner or operator demonstrates that a compressor is in hydrogen service. §63.648(g)(1)-(2).	[G]§ 63.648(g)	§ 63.648(h) § 63.655(d)(3)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
17-H-1	EU	60Ja	SO ₂	40 CFR Part 60, Subpart Ja	§ 60.100a(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 60, Subpart Ja	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart Ja	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 60, Subpart Ja	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 60, Subpart Ja	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 60, Subpart Ja
17-H-1	EU	63DDDDD	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD
83P136A-EN	EU	60-III	CO, PM, NO _x +NMH C	40 CFR Part 60, Subpart III	§ 60.4200(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 60, Subpart III	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart III	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 60, Subpart III	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 60, Subpart III	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 60, Subpart III
83P136A-EN	EU	60-III	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c) A new/reconstructed stationary RICE located at an area source, or located at a major source of HAP emissions and is a spark ignition (SI) 2SLB < 500 HP, SI 4 SLB < 250 HP, or 4SRB, compression		None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						ignition (CI), emergency or limited use, or which combusts landfill or digester gas at > 10% of the gross heat input < 500 HP must meet the requirements of this part by meeting the requirements of 40 CFR Part 60, Subpart IIII, for CI engines or 40 CFR Part 60, Subpart JJJJ, for SI engines.			
83P136B-EN	EU	60-IIII	CO, PM, NOx+NMH C	40 CFR Part 60, Subpart IIII	§ 60.4200(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 60, Subpart IIII	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart IIII	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 60, Subpart IIII	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 60, Subpart IIII	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 60, Subpart IIII
83P136B-EN	EU	60-IIII	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	A new/reconstructed stationary RICE located at an area source, or located at a major source of HAP emissions and is a spark ignition (SI) 2SLB < 500 HP, SI 4 SLB < 250 HP, or 4SRB, compression ignition (CI), emergency or limited use, or which combusts landfill or digester gas at > 10% of the gross heat input < 500 HP must meet the requirements of this	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						part by meeting the requirements of 40 CFR Part 60, Subpart IIII, for CI engines or 40 CFR Part 60, Subpart JJJJ, for SI engines.			
03-TK-156	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
03-TK-156	EU	R5112-b	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
03-TK-156	EU	R5112-c	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
03-TK-156	EU	60KB-b	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i)	Storage vessels specified in §60.112b(a) and	§ 60.113b(a)(1) § 60.113b(a)(2)	§ 60.115b § 60.115b(a)(2)	§ 60.113b(a)(2) § 60.113b(a)(5)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.115b § 60.115b(a)(1) § 60.115b(a)(3)
03-TK-156	EU	6oKB-c	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)
03-TK-156	EU	6oKB-d	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)
03-TK-156	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Vessels described by § 63.640(n)(1) and (n)(3) are to comply with 40 CFR part 60, subpart Kb, except as provided for in §63.640(n)(8)(i)-(vi).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) § 60.116b(e)(2)(i) § 63.640(n)(8)(ii)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.640(n)(8)(ii) § 63.640(n)(8)(iii)				
03-TK-156	EU	63CC-b	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii)	Vessels described by § 63.640(n)(1) and (n)(3) are to comply with 40 CFR part 60, subpart Kb, except as provided for in §63.640(n)(8)(i)-(vi).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(c) § 60.116b(e)(1) § 60.116b(e)(2)(i) § 63.640(n)(8)(ii)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)
03-TK-161	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
03-TK-161	EU	R5112-b	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
03-TK-161	EU	R5112-c	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the	The permit holder shall comply with the applicable requirements	The permit holder shall comply with the applicable monitoring	The permit holder shall comply with the applicable	The permit holder shall comply with the applicable reporting

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	of 30 TAC Chapter 115, Storage of VOCs	and testing requirements of 30 TAC Chapter 115, Storage of VOCs	recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	requirements of 30 TAC Chapter 115, Storage of VOCs
03-TK-161	EU	6oKB-b	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)
03-TK-161	EU	6oKB-c	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)
03-TK-161	EU	6oKB-d	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)
03-TK-161	EU	63CC	112(B)	40 CFR Part 63,	§ 63.640(n)(8)	Vessels described by §	§ 60.113b(a)(1)	§ 60.115b	§ 60.113b(a)(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
			HAPS	Subpart CC	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii)	63.640(n)(1) and (n)(3) are to comply with 40 CFR part 60, subpart Kb, except as provided for in §63.640(n)(8)(i)-(vi).	§ 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) § 60.116b(e)(2)(i) § 63.640(n)(8)(ii)	§ 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)
03-TK-161	EU	63CC-b	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii)	Vessels described by § 63.640(n)(1) and (n)(3) are to comply with 40 CFR part 60, subpart Kb, except as provided for in §63.640(n)(8)(i)-(vi).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) § 60.116b(e)(2)(i) § 63.640(n)(8)(ii)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)
05-CT-109	EU	63CC-c	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.654(a) § 63.640(h)(1)(iv)	Except as specified in paragraph (b) of this section, the owner or operator of a heat exchange system that meets the criteria in §63.640(c)(8) must comply with the requirements of paragraphs (c) through (g) of this section.	§ 63.642(d)(1) § 63.642(d)(3) § 63.642(d)(4) [G]§ 63.654(e) [G]§ 63.654(d) § 63.654(e) [G]§ 63.654(f) [G]§ 63.654(g)	§ 63.642(e) § 63.655(h)(1) [G]§ 63.655(i)(4) § 63.655(i)(5)	§ 63.642(d)(2) § 63.642(f) § 63.655(f) § 63.655(f)(1)(vi) § 63.655(f)(4) § 63.655(g) [G]§ 63.655(g)(9) § 63.655(h)(1)
43-TK-04	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the	The permit holder shall comply with the applicable requirements	The permit holder shall comply with the applicable monitoring	The permit holder shall comply with the applicable	The permit holder shall comply with the applicable reporting

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	of 30 TAC Chapter 115, Storage of VOCs	and testing requirements of 30 TAC Chapter 115, Storage of VOCs	recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	requirements of 30 TAC Chapter 115, Storage of VOCs
50-TK-60	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
50-TK-60	EU	R5112-b	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
50-TK-60	EU	R5112-c	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
50-TK-60	EU	60KA-b	VOC	40 CFR Part 60,	§ 60.110a(a)	The affected facility is	§ 60.115a(a)	§ 60.115a(a)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Subpart Ka		each storage vessel for petroleum liquids that has a storage capacity > 151,416 L (40,000 gal) and for which construction commenced after 5/18/78 and prior to 7/23/84.	§ 60.115a(b)		
50-TK-60	EU	60KA-c	VOC	40 CFR Part 60, Subpart Ka	§ 60.112a(a)(2)	Vessels storing petroleum liquids with a TVP > 10.3 kPa (1.5 psia) but < 76.6 kPa (11.1 psia) shall have a fixed roof and an internal floating cover with the specified closure device and vents.	§ 60.115a(a) § 60.115a(b)	§ 60.115a(a)	None
50-TK-60	EU	60KA-d	VOC	40 CFR Part 60, Subpart Ka	§ 60.112a(a)(2)	Vessels storing petroleum liquids with a TVP > 10.3 kPa (1.5 psia) but < 76.6 kPa (11.1 psia) shall have a fixed roof and an internal floating cover with the specified closure device and vents.	§ 60.115a(a) § 60.115a(b)	§ 60.115a(a)	None
50-TK-60	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.646(a) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(i) § 63.119(b)(4) § 63.120(a)(4) § 63.120(a)(7) [G]§ 63.646(f) § 63.646(g)	Each owner or operator of a Group 1 storage vessel subject to this subpart shall comply with the requirements of §63.119 - §63.121 except as provided in §63.646(b)-(l).	§ 63.120(a)(2)(i) § 63.120(a)(2)(ii) § 63.646(b)(1) § 63.646(c)	§ 63.120(a)(4) § 63.642(e) § 63.646(b)(1) § 63.655(h)(1) [G]§ 63.655(i)(1) § 63.655(i)(5)	§ 63.120(a)(5) § 63.120(a)(6) § 63.642(f) § 63.655(f) [G]§ 63.655(f)(1)(i)(B) § 63.655(f)(6) § 63.655(g) § 63.655(g)(2) [G]§ 63.655(g)(2)(i) [G]§ 63.655(g)(2)(ii) § 63.655(h) § 63.655(h)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) [G]§ 63.655(h)(6)
50-TK-61	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
50-TK-61	EU	R5112-b	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
50-TK-61	EU	R5112-c	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
50-TK-61	EU	60KA-b	VOC	40 CFR Part 60, Subpart Ka	§ 60.110a(a)	The affected facility is each storage vessel for petroleum liquids that	§ 60.115a(a) § 60.115a(b)	§ 60.115a(a)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						has a storage capacity > 151,416 L (40,000 gal) and for which construction commenced after 5/18/78 and prior to 7/23/84.			
50-TK-61	EU	60KA-c	VOC	40 CFR Part 60, Subpart Ka	§ 60.112a(a)(1) § 60.112a(a)(1)(i) § 60.112a(a)(1)(i)(A) § 60.112a(a)(1)(i)(C) § 60.112a(a)(1)(i)(D) § 60.112a(a)(1)(ii)(A) § 60.112a(a)(1)(ii)(B) § 60.112a(a)(1)(ii)(C) § 60.112a(a)(1)(ii)(D) § 60.112a(a)(1)(iii) § 60.112a(a)(1)(iv)	Vessels storing petroleum liquids with a TVP > 10.3 kPa (1.5 psia) but < 76.6 kPa (11.1 psia) shall be equipped with an external floating roof and closure device as specified.	§ 60.113a(a)(1) § 60.113a(a)(1)(i) § 60.113a(a)(1)(i)(A) § 60.113a(a)(1)(i)(B) § 60.113a(a)(1)(i)(C) § 60.113a(a)(1)(i)(D) § 60.113a(a)(1)(i)(E) § 60.113a(a)(1)(ii)(A) § 60.113a(a)(1)(ii)(B) § 60.113a(a)(1)(ii)(C) § 60.113a(a)(1)(iii) § 60.113a(a)(1)(iv) § 60.115a(a) § 60.115a(b)	§ 60.113a(a)(1)(i)(D) § 60.115a(a)	§ 60.113a(a)(1)(i)(E) § 60.113a(a)(1)(iv)
50-TK-61	EU	60KA-d	VOC	40 CFR Part 60, Subpart Ka	§ 60.112a(a)(1) § 60.112a(a)(1)(i) § 60.112a(a)(1)(i)(A) § 60.112a(a)(1)(i)(C) § 60.112a(a)(1)(i)(D) § 60.112a(a)(1)(ii)(A) § 60.112a(a)(1)(ii)(B) § 60.112a(a)(1)(ii)(C) § 60.112a(a)(1)(ii)(D) § 60.112a(a)(1)(iii) § 60.112a(a)(1)(iv)	Vessels storing petroleum liquids with a TVP > 10.3 kPa (1.5 psia) but < 76.6 kPa (11.1 psia) shall be equipped with an external floating roof and closure device as specified.	§ 60.113a(a)(1) § 60.113a(a)(1)(i) § 60.113a(a)(1)(i)(A) § 60.113a(a)(1)(i)(B) § 60.113a(a)(1)(i)(C) § 60.113a(a)(1)(i)(D) § 60.113a(a)(1)(i)(E) § 60.113a(a)(1)(ii)(A) § 60.113a(a)(1)(ii)(B) § 60.113a(a)(1)(ii)(C) § 60.113a(a)(1)(iii) § 60.113a(a)(1)(iv) § 60.115a(a) § 60.115a(b)	§ 60.113a(a)(1)(i)(D) § 60.115a(a)	§ 60.113a(a)(1)(i)(E) § 60.113a(a)(1)(iv)
50-TK-61	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.646(a) § 63.119(a)(1) § 63.119(c)(1) § 63.119(c)(1)(i)	Each owner or operator of a Group 1 storage vessel subject to this subpart shall comply	§ 63.120(b)(1)(i) § 63.120(b)(1)(iii) § 63.120(b)(1)(iv) § 63.120(b)(10)	[G]§ 63.120(b)(7) § 63.120(b)(8) § 63.642(e) § 63.646(b)(1)	§ 63.120(b)(10)(ii) § 63.120(b)(10)(iii) § 63.120(b)(9) § 63.642(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.119(c)(1)(ii) § 63.119(c)(1)(iii) [G]§ 63.119(c)(3) § 63.119(c)(4) § 63.120(b)(10)(i) § 63.120(b)(5)(i) § 63.120(b)(5)(ii) § 63.120(b)(6)(i) § 63.120(b)(6)(ii) [G]§ 63.120(b)(7) § 63.120(b)(8) [G]§ 63.646(f) § 63.646(g)	with the requirements of §63.119 - §63.121 except as provided in §63.646(b)-(l).	§ 63.120(b)(2)(i) § 63.120(b)(2)(ii) § 63.120(b)(2)(iii) § 63.120(b)(3) § 63.120(b)(4) § 63.646(b)(1) § 63.646(e)	§ 63.655(h)(1) [G]§ 63.655(i)(1) § 63.655(i)(5)	§ 63.655(f) [G]§ 63.655(f)(1)(i)(B) § 63.655(f)(6) § 63.655(g) [G]§ 63.655(g)(3) § 63.655(h) § 63.655(h)(1) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) [G]§ 63.655(h)(6)
70-TK-109	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
70-TK-109	EU	R5112-b	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
70-TK-109	EU	R5112-c	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115,	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					specification requirements of 30 TAC Chapter 115, Storage of VOCs		Storage of VOCs	VOCs	
70-TK-109	EU	60K-b	VOC	40 CFR Part 60, Subpart K	§ 60.110(c) § 60.110(c)(2)	Facilities under §60.110(a) of this section with a capacity, construction or modification date as given in §60.110(c)(1) or §60.110(c)(2) are subject to the requirements of this section.	§ 60.113(a) § 60.113(b)	§ 60.113(a)	None
70-TK-109	EU	60K-c	VOC	40 CFR Part 60, Subpart K	§ 60.112(a)(1)	Storage vessels holding petroleum liquids with a true vapor pressure of 78 mm Hg (1.5 psia) or greater but not greater than 570 mm Hg (11.1 psia) shall have a floating roof, a vapor recovery system, or their equivalents.	§ 60.113(a) § 60.113(b) ** See Periodic Monitoring Summary	§ 60.113(a)	None
70-TK-109	EU	60K-d	VOC	40 CFR Part 60, Subpart K	§ 60.112(a)(1)	Storage vessels holding petroleum liquids with a true vapor pressure of 78 mm Hg (1.5 psia) or greater but not greater than 570 mm Hg (11.1 psia) shall have a floating roof, a vapor recovery system, or their equivalents.	§ 60.113(a) § 60.113(b) ** See Periodic Monitoring Summary	§ 60.113(a)	None
70-TK-109	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.646(a) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(i)	Each owner or operator of a Group 1 storage vessel subject to this subpart shall comply with the requirements of	§ 63.120(a)(2)(i) § 63.120(a)(2)(ii) § 63.646(b)(1) § 63.646(e)	§ 63.120(a)(4) § 63.642(e) § 63.646(b)(1) § 63.655(h)(1) [G]§ 63.655(i)(1)	§ 63.120(a)(5) § 63.120(a)(6) § 63.642(f) § 63.655(f) [G]§ 63.655(f)(1)(i)(B)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.119(b)(4) § 63.120(a)(4) § 63.120(a)(7) [G]§ 63.646(f) § 63.646(g)	§63.119 - §63.121 except as provided in §63.646(b)-(l).		§ 63.655(i)(5)	§ 63.655(f)(6) § 63.655(g) § 63.655(g)(2) [G]§ 63.655(g)(2)(i) [G]§ 63.655(g)(2)(ii) § 63.655(h) § 63.655(h)(1) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) [G]§ 63.655(h)(6)
70-TK-110	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
70-TK-110	EU	R5112-b	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
70-TK-110	EU	R5112-c	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					requirements of 30 TAC Chapter 115, Storage of VOCs				
70-TK-110	EU	6oKB-b	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(a)	Except for §60.110b(b), this subpart applies to vessels with a capacity greater than or equal to 75 cubic meters (19,800 gal) used to store VOLs for which construction/reconstruction/modification began after 7/23/84.	§ 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(d) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.116b(d)
70-TK-110	EU	6oKB-c	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)
70-TK-110	EU	6oKB-d	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)
70-TK-110	EU	63CC-a	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii)	Vessels described by § 63.640(n)(1) and (n)(3) are to comply with 40 CFR part 60, subpart Kb, except as provided	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii)	for in §63.640(n)(8)(i)-(vi).	§ 60.116b(b) § 60.116b(c) § 60.116b(e)(1) § 60.116b(e)(2)(i) § 63.640(n)(8)(ii)		§ 63.640(n)(8)(iv) § 63.640(n)(8)(v)
70-TK-110	EU	63CC-b	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii)	Vessels described by § 63.640(n)(1) and (n)(3) are to comply with 40 CFR part 60, subpart Kb, except as provided for in §63.640(n)(8)(i)-(vi).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) § 60.116b(e)(2)(i) § 63.640(n)(8)(ii)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)
70-TK-138	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
70-TK-138	EU	60K-b	VOC	40 CFR Part 60, Subpart K	§ 60.110(c) § 60.110(c)(2)	Facilities under §60.110(a) of this section with a capacity, construction or modification date as given in §60.110(c)(1) or §60.110(c)(2) are subject to the requirements of	§ 60.113(a) § 60.113(b)	§ 60.113(a)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						this section.			
70-TK-140	EU	R5112	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
70-TK-140	EU	63GGGGG-1	112(B) HAPS	40 CFR Part 63, Subpart GGGGG	§ 63.7886(b)(1)(i) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GGGGG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GGGGG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GGGGG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GGGGG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GGGGG
70-TK-95	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
70-TK-95	EU	60K-b	VOC	40 CFR Part 60, Subpart K	§ 60.110(c) § 60.110(c)(2)	Facilities under §60.110(a) of this section with a capacity, construction or modification date as given in §60.110(c)(1) or §60.110(c)(2) are subject	§ 60.113(a) § 60.113(b)	§ 60.113(a)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						to the requirements of this section.			
73-TK-166	EU	R5112	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.112(b)(2) § 115.112(b)(2)(A) § 115.112(b)(2)(B) § 115.112(b)(2)(C) § 115.112(b)(2)(D) § 115.112(b)(2)(E) § 115.112(b)(2)(F) § 115.114(b)(2)(A) § 115.114(b)(4)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(b)(2) § 115.114(b)(3) § 115.114(b)(4) § 115.114(b)(4)(A) [G]§ 115.117	§ 115.118(b)(2) § 115.118(b)(4) § 115.118(b)(5)	§ 115.114(b)(2)(B) § 115.114(b)(4)(B)
73-TK-166	EU	60KB	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(2)	Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)
73-TK-166	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.646(a) § 63.119(a)(1) § 63.119(c)(1) § 63.119(c)(1)(i) § 63.119(c)(1)(ii) § 63.119(c)(1)(iii) § 63.119(c)(2) [G]§ 63.119(c)(3) § 63.119(c)(4) § 63.120(b)(10)(i)	Each owner or operator of a Group 1 storage vessel subject to this subpart shall comply with the requirements of §63.119 - §63.121 except as provided in §63.646(b)-(l).	§ 63.120(b)(1)(i) § 63.120(b)(1)(iii) § 63.120(b)(1)(iv) § 63.120(b)(10) § 63.120(b)(2)(i) § 63.120(b)(2)(ii) § 63.120(b)(2)(iii) § 63.120(b)(3) § 63.120(b)(4) § 63.646(b)(1)	[G]§ 63.120(b)(7) § 63.120(b)(8) § 63.642(e) § 63.646(b)(1) § 63.655(h)(1) [G]§ 63.655(i)(1) § 63.655(i)(5)	§ 63.120(b)(10)(ii) § 63.120(b)(10)(iii) § 63.120(b)(9) § 63.642(f) § 63.655(f) [G]§ 63.655(f)(1)(i)(B) § 63.655(f)(6) § 63.655(g) [G]§ 63.655(g)(3) § 63.655(h)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.120(b)(5)(i) § 63.120(b)(5)(ii) § 63.120(b)(6)(i) § 63.120(b)(6)(ii) [G]§ 63.120(b)(7) § 63.120(b)(8) § 63.646(g)				§ 63.655(h)(1) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) [G]§ 63.655(h)(6)
73-TK-167	EU	R5112	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.112(b)(2) § 115.112(b)(2)(A) § 115.112(b)(2)(B) § 115.112(b)(2)(C) § 115.112(b)(2)(D) § 115.112(b)(2)(E) § 115.112(b)(2)(F) § 115.114(b)(2)(A) § 115.114(b)(4)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(b)(2) § 115.114(b)(3) § 115.114(b)(4) § 115.114(b)(4)(A) [G]§ 115.117	§ 115.118(b)(2) § 115.118(b)(4) § 115.118(b)(5)	§ 115.114(b)(2)(B) § 115.114(b)(4)(B)
73-TK-167	EU	60KB	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(2)	Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)
73-TK-167	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.646(a) § 63.119(a)(1) § 63.119(c)(1) § 63.119(c)(1)(i) § 63.119(c)(1)(ii)	Each owner or operator of a Group 1 storage vessel subject to this subpart shall comply with the requirements of	§ 63.120(b)(1)(i) § 63.120(b)(1)(iii) § 63.120(b)(1)(iv) § 63.120(b)(10) § 63.120(b)(2)(i)	[G]§ 63.120(b)(7) § 63.120(b)(8) § 63.642(e) § 63.646(b)(1) § 63.655(h)(1)	§ 63.120(b)(10)(ii) § 63.120(b)(10)(iii) § 63.120(b)(9) § 63.642(f) § 63.655(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.119(c)(1)(iii) § 63.119(c)(2) [G]§ 63.119(c)(3) § 63.119(c)(4) § 63.120(b)(10)(i) § 63.120(b)(5)(i) § 63.120(b)(5)(ii) § 63.120(b)(6)(i) § 63.120(b)(6)(ii) [G]§ 63.120(b)(7) § 63.120(b)(8) § 63.646(g)	§63.119 - §63.121 except as provided in §63.646(b)-(l).	§ 63.120(b)(2)(ii) § 63.120(b)(2)(iii) § 63.120(b)(3) § 63.120(b)(4) § 63.646(b)(1)	[G]§ 63.655(i)(1) § 63.655(i)(5)	[G]§ 63.655(f)(1)(i)(B) § 63.655(f)(6) § 63.655(g) [G]§ 63.655(g)(3) § 63.655(h) § 63.655(h)(1) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) [G]§ 63.655(h)(6)
73-TK-168	EU	R5112-d	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.112(b)(2) § 115.112(b)(2)(A) § 115.112(b)(2)(B) § 115.112(b)(2)(C) § 115.112(b)(2)(D) § 115.112(b)(2)(E) § 115.114(b)(1)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(b)(1)(A) [G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(b)(2) § 115.118(b)(4) § 115.118(b)(5)	§ 115.114(b)(1)(B)
73-TK-168	EU	60Kb-e	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)
73-TK-168	EU	63CC-c	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.646(a) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(ii) § 63.119(b)(4) [G]§ 63.119(b)(5) § 63.119(b)(6) § 63.120(a)(4)	Each owner or operator of a Group 1 storage vessel subject to this subpart shall comply with the requirements of §63.119 - §63.121 except as provided in §63.646(b)-(l).	§ 63.120(a)(2)(i) § 63.120(a)(2)(ii) § 63.646(b)(1)	§ 63.120(a)(4) § 63.642(e) § 63.646(b)(1) § 63.655(h)(1) [G]§ 63.655(i)(1) § 63.655(i)(5)	§ 63.120(a)(5) § 63.120(a)(6) § 63.642(f) § 63.655(f) [G]§ 63.655(f)(1)(i)(B) § 63.655(f)(6) § 63.655(g) § 63.655(g)(2) [G]§ 63.655(g)(2)(i)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.120(a)(7) § 63.646(g)				[G]§ 63.655(g)(2)(ii) § 63.655(h) § 63.655(h)(1) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) [G]§ 63.655(h)(6)
83-TK-155	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
83-TK-155	EU	R5112-b	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
83-TK-155	EU	R5112-c	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
83-TK-155	EU	6oKB-b	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(2)	Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)
83-TK-155	EU	6oKB-c	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(2)	Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)
83-TK-155	EU	6oKB-d	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(2)	Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	§ 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)		[G]§ 60.115b(b)(2) § 60.115b(b)(4)
83-TK-155	EU	60QQQ	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-3(d) § 60.692-1(a) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Storage vessels, including slop oil tanks and other auxiliary tanks that are subject to the requirements of 40 CFR subparts K, Ka, or Kb, are not subject to the requirements of this section.	§ 60.692-3(a)(4) § 60.696(a)	§ 60.697(a) § 60.697(c) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2)	§ 60.698(b)(1) § 60.698(e)
83-TK-155	EU	61FF	BENZENE	40 CFR Part 61, Subpart FF	§ 61.351(a) [G]§ 60.112b(a)(2) § 61.351(a)(2) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) [G]§ 60.113b(b)(6)	§ 60.115b [G]§ 60.115b(b)(3) § 61.356(k)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 61.357(e) § 61.357(f)
83-TK-162	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					requirements of 30 TAC Chapter 115, Storage of VOCs				
83-TK-162	EU	R5112-b	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
83-TK-162	EU	R5112-c	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
83-TK-162	EU	60KB-b	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(2)	Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 60.116b(e)(2)(i)		
83-TK-162	EU	6oKB-c	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(2)	Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)
83-TK-162	EU	6oKB-d	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(2)	Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)
83-TK-162	EU	6oQQQ	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-3(d) § 60.692-1(a) § 60.692-6(a) § 60.692-6(b)	Storage vessels, including slop oil tanks and other auxiliary tanks that are subject to	§ 60.692-3(a)(4) § 60.696(a)	§ 60.697(a) § 60.697(c) [G]§ 60.697(e) § 60.697(f)(1)	§ 60.698(b)(1) § 60.698(e)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.692-7(b)	the requirements of 40 CFR subparts K, Ka, or Kb, are not subject to the requirements of this section.		[G]§ 60.697(f)(2)	
83-TK-162	EU	61FF	BENZENE	40 CFR Part 61, Subpart FF	§ 61.351(a) [G]§ 60.112b(a)(2) § 61.351(a)(2) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) [G]§ 60.113b(b)(6)	§ 60.115b [G]§ 60.115b(b)(3) § 61.356(k)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 61.357(e) § 61.357(f)
83-TK-23	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
83-TK-23	EU	R5112-b	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
83-TK-23	EU	R5112-c	VOC	30 TAC Chapter 115, Storage of	§ 115.112 The permit holder	The permit holder shall comply with the	The permit holder shall comply with the	The permit holder shall comply with the	The permit holder shall comply with the

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				VOCs	shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	applicable requirements of 30 TAC Chapter 115, Storage of VOCs	applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
83-TK-23	EU	60KA-b	VOC	40 CFR Part 60, Subpart Ka	§ 60.110a(a)	The affected facility is each storage vessel for petroleum liquids that has a storage capacity > 151,416 L (40,000 gal) and for which construction commenced after 5/18/78 and prior to 7/23/84.	§ 60.115a(a) § 60.115a(b)	§ 60.115a(a)	None
83-TK-23	EU	60KA-c	VOC	40 CFR Part 60, Subpart Ka	§ 60.112a(a)(1) § 60.112a(a)(1)(i) § 60.112a(a)(1)(i)(A) § 60.112a(a)(1)(i)(C) § 60.112a(a)(1)(i)(D) § 60.112a(a)(1)(ii)(A) § 60.112a(a)(1)(ii)(B) § 60.112a(a)(1)(ii)(C) § 60.112a(a)(1)(ii)(D) § 60.112a(a)(1)(iii) § 60.112a(a)(1)(iv)	Vessels storing petroleum liquids with a TVP > 10.3 kPa (1.5 psia) but < 76.6 kPa (11.1 psia) shall be equipped with an external floating roof and closure device as specified.	§ 60.113a(a)(1) § 60.113a(a)(1)(i) § 60.113a(a)(1)(i)(A) § 60.113a(a)(1)(i)(B) § 60.113a(a)(1)(i)(C) § 60.113a(a)(1)(i)(D) § 60.113a(a)(1)(i)(E) § 60.113a(a)(1)(ii)(A) § 60.113a(a)(1)(ii)(B) § 60.113a(a)(1)(ii)(C) § 60.113a(a)(1)(iii) § 60.113a(a)(1)(iv) § 60.115a(a) § 60.115a(b)	§ 60.113a(a)(1)(i)(D) § 60.115a(a)	§ 60.113a(a)(1)(i)(E) § 60.113a(a)(1)(iv)
83-TK-23	EU	60KA-d	VOC	40 CFR Part 60, Subpart Ka	§ 60.112a(a)(1) § 60.112a(a)(1)(i) § 60.112a(a)(1)(i)(A) § 60.112a(a)(1)(i)(C) § 60.112a(a)(1)(i)(D) § 60.112a(a)(1)(ii)(A) § 60.112a(a)(1)(ii)(B)	Vessels storing petroleum liquids with a TVP > 10.3 kPa (1.5 psia) but < 76.6 kPa (11.1 psia) shall be equipped with an external floating roof and closure device	§ 60.113a(a)(1) § 60.113a(a)(1)(i) § 60.113a(a)(1)(i)(A) § 60.113a(a)(1)(i)(B) § 60.113a(a)(1)(i)(C) § 60.113a(a)(1)(i)(D) § 60.113a(a)(1)(i)(E)	§ 60.113a(a)(1)(i)(D) § 60.115a(a)	§ 60.113a(a)(1)(i)(E) § 60.113a(a)(1)(iv)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.112a(a)(1)(ii)(C) § 60.112a(a)(1)(ii)(D) § 60.112a(a)(1)(iii) § 60.112a(a)(1)(iv)	as specified.	§ 60.113a(a)(1)(ii)(A) § 60.113a(a)(1)(ii)(B) § 60.113a(a)(1)(ii)(C) § 60.113a(a)(1)(iii) § 60.113a(a)(1)(iv) § 60.115a(a) § 60.115a(b)		
83-TK-23	EU	60QQQ	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-3(d) § 60.692-1(a) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Storage vessels, including slop oil tanks and other auxiliary tanks that are subject to the requirements of 40 CFR subparts K, Ka, or Kb, are not subject to the requirements of this section.	§ 60.692-3(a)(4) § 60.696(a)	§ 60.697(a) § 60.697(c) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2)	§ 60.698(b)(1) § 60.698(e)
83-TK-25	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
83-TK-25	EU	60KA-b	VOC	40 CFR Part 60, Subpart Ka	§ 60.110a(a)	The affected facility is each storage vessel for petroleum liquids that has a storage capacity > 151,416 L (40,000 gal) and for which construction commenced after 5/18/78 and prior to 7/23/84.	§ 60.115a(a) § 60.115a(b)	§ 60.115a(a)	None
83-TK-25	EU	61FF	BENZENE	40 CFR Part 61, Subpart FF	§ 61.351(a) [G]§ 60.112b(a)(2)	As an alternative to the standards for tanks	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2)	§ 60.115b [G]§ 60.115b(b)(3)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 61.351(a)(2) § 61.351(b)	specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	§ 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) [G]§ 60.113b(b)(6)	§ 61.356(k)	§ 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 61.357(e) § 61.357(f)
83-TK-26	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
83-TK-26	EU	R5112-b	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
83-TK-26	EU	R5112-c	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
83-TK-26	EU	6oKB-b	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(2)	Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)
83-TK-26	EU	6oKB-c	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(2)	Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)
83-TK-26	EU	6oKB-d	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(2)	Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	§ 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)		[G]§ 60.115b(b)(2) § 60.115b(b)(4)
83-TK-26	EU	60QQQ	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-3(d) § 60.692-1(a) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Storage vessels, including slop oil tanks and other auxiliary tanks that are subject to the requirements of 40 CFR subparts K, Ka, or Kb, are not subject to the requirements of this section.	§ 60.692-3(a)(4) § 60.696(a)	§ 60.697(a) § 60.697(c) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2)	§ 60.698(b)(1) § 60.698(e)
83-TK-26	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) [G]§ 60.112b(a)(2) § 63.640(n)(8)(i) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii)	Vessels described by § 63.640(n)(1) and (n)(3) are to comply with 40 CFR part 60, subpart Kb, except as provided for in §63.640(n)(8)(i)-(vi).	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) § 60.116b(e)(2)(i) [G]§ 63.120(b)(7) § 63.640(n)(8)(ii)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 63.640(n)(8)(vi)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
83-TK-26	EU	63CC-b	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) [G]§ 60.112b(a)(2) § 63.640(n)(8)(i) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii)	Vessels described by § 63.640(n)(1) and (n)(3) are to comply with 40 CFR part 60, subpart Kb, except as provided for in §63.640(n)(8)(i)-(vi).	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) § 60.116b(e)(2)(i) [G]§ 63.120(b)(7) § 63.640(n)(8)(ii)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 63.640(n)(8)(vi)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)
83-TK-28	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
83-V-97	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
83-V-97	EU	R5112-b	VOC	30 TAC Chapter	§ 115.112	The permit holder shall	The permit holder	The permit holder shall	The permit holder shall

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				115, Storage of VOCs	The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
83-V-97	EU	R5112-c	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
83-V-97	EU	6oKB-b	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(2)	Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)
83-V-97	EU	6oKB-c	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(2)	Storage vessels specified in §60.112b(a) and equipped with an	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	§ 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.116b(b) § 60.116b(c)	§ 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)
83-V-97	EU	6oKB-d	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(2)	Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)
83-V-97	EU	6oQQQ	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-3(d) § 60.692-1(a) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Storage vessels, including slop oil tanks and other auxiliary tanks that are subject to the requirements of 40 CFR subparts K, Ka, or Kb, are not subject to the requirements of this	§ 60.692-3(a)(4) § 60.696(a)	§ 60.697(a) § 60.697(c) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2)	§ 60.698(b)(1) § 60.698(e)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						section.			
83-V-97	EU	61FF	BENZENE	40 CFR Part 61, Subpart FF	§ 61.351(a) [G]§ 60.112b(a)(2) § 61.351(a)(2) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) [G]§ 60.113b(b)(6)	§ 60.115b [G]§ 60.115b(b)(3) § 61.356(k)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 61.357(e) § 61.357(f)
83-V-98	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
83-V-98	EU	R5112-b	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
83-V-98	EU	R5112-c	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115,	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					specification requirements of 30 TAC Chapter 115, Storage of VOCs		Storage of VOCs	VOCs	
83-V-98	EU	6oKB-b	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(a)	Except for §60.110b(b), this subpart applies to vessels with a capacity greater than or equal to 75 cubic meters (19,800 gal) used to store VOLs for which construction/reconstruction/modification began after 7/23/84.	§ 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(d) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.116b(d)
83-V-98	EU	6oKB-c	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(B) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) [G]§ 60.113b(a)(3) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(4)
83-V-98	EU	6oKB-d	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(B) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) [G]§ 60.113b(a)(3) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(4)
83-V-98	EU	61FF	BENZENE	40 CFR Part 61, Subpart FF	§ 61.351(a) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(B)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may	§ 60.113b(a)(1) [G]§ 60.113b(a)(3) § 60.113b(a)(4) § 60.113b(a)(5)	§ 60.115b § 60.115b(a)(2) § 61.356(k)	§ 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 61.351(a)(1) § 61.351(b)	elect to comply with one of the following §61.351(a)(1)-(3):			§ 61.357(e) § 61.357(f)
83-V-98	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(B) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 63.640(n)(8)(ii)	Vessels described by § 63.640(n)(1) and (n)(3) are to comply with 40 CFR part 60, subpart Kb, except as provided for in §63.640(n)(8)(i)-(vi).	§ 60.113b(a)(1) [G]§ 60.113b(a)(3) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) [G]§ 60.116b(e)(3) § 63.640(n)(8)(ii)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(4)
GRP-EFRA1	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-EFRA1	EU	R5112-b	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					TAC Chapter 115, Storage of VOCs				
GRP-EFRA1	EU	R5112-c	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-EFRA1	EU	6oKA-b	VOC	40 CFR Part 60, Subpart Ka	§ 60.110a(a)	The affected facility is each storage vessel for petroleum liquids that has a storage capacity > 151,416 L (40,000 gal) and for which construction commenced after 5/18/78 and prior to 7/23/84.	§ 60.115a(a) § 60.115a(b)	§ 60.115a(a)	None
GRP-EFRA1	EU	6oKA-c	VOC	40 CFR Part 60, Subpart Ka	§ 60.112a(a)(1) § 60.112a(a)(1)(i) § 60.112a(a)(1)(i)(A) § 60.112a(a)(1)(i)(C) § 60.112a(a)(1)(i)(D) § 60.112a(a)(1)(ii)(A) § 60.112a(a)(1)(ii)(B) § 60.112a(a)(1)(ii)(C) § 60.112a(a)(1)(ii)(D) § 60.112a(a)(1)(iii) § 60.112a(a)(1)(iv)	Vessels storing petroleum liquids with a TVP > 10.3 kPa (1.5 psia) but < 76.6 kPa (11.1 psia) shall be equipped with an external floating roof and closure device as specified.	§ 60.113a(a)(1) § 60.113a(a)(1)(i) § 60.113a(a)(1)(i)(A) § 60.113a(a)(1)(i)(B) § 60.113a(a)(1)(i)(C) § 60.113a(a)(1)(i)(D) § 60.113a(a)(1)(i)(E) § 60.113a(a)(1)(ii)(A) § 60.113a(a)(1)(ii)(B) § 60.113a(a)(1)(ii)(C) § 60.113a(a)(1)(iii) § 60.113a(a)(1)(iv) § 60.115a(a) § 60.115a(b)	§ 60.113a(a)(1)(i)(D) § 60.115a(a)	§ 60.113a(a)(1)(i)(E) § 60.113a(a)(1)(iv)
GRP-EFRA1	EU	6oKA-d	VOC	40 CFR Part 60, Subpart Ka	§ 60.112a(a)(1) § 60.112a(a)(1)(i)	Vessels storing petroleum liquids with a	§ 60.113a(a)(1) § 60.113a(a)(1)(i)	§ 60.113a(a)(1)(i)(D) § 60.115a(a)	§ 60.113a(a)(1)(i)(E) § 60.113a(a)(1)(iv)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.112a(a)(1)(i)(A) § 60.112a(a)(1)(i)(C) § 60.112a(a)(1)(i)(D) § 60.112a(a)(1)(ii)(A) § 60.112a(a)(1)(ii)(B) § 60.112a(a)(1)(ii)(C) § 60.112a(a)(1)(ii)(D) § 60.112a(a)(1)(iii) § 60.112a(a)(1)(iv)	TVP > 10.3 kPa (1.5 psia) but < 76.6 kPa (11.1 psia) shall be equipped with an external floating roof and closure device as specified.	§ 60.113a(a)(1)(i)(A) § 60.113a(a)(1)(i)(B) § 60.113a(a)(1)(i)(C) § 60.113a(a)(1)(i)(D) § 60.113a(a)(1)(i)(E) § 60.113a(a)(1)(ii)(A) § 60.113a(a)(1)(ii)(B) § 60.113a(a)(1)(ii)(C) § 60.113a(a)(1)(iii) § 60.113a(a)(1)(iv) § 60.115a(a) § 60.115a(b)		
GRP-EFRA1	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.646(a) § 63.119(a)(1) § 63.119(c)(1) § 63.119(c)(1)(i) § 63.119(c)(1)(ii) § 63.119(c)(1)(iii) [G]§ 63.119(c)(3) § 63.119(c)(4) § 63.120(b)(10)(i) § 63.120(b)(5)(i) § 63.120(b)(5)(ii) § 63.120(b)(6)(i) § 63.120(b)(6)(ii) [G]§ 63.120(b)(7) § 63.120(b)(8) [G]§ 63.646(f) § 63.646(g)	Each owner or operator of a Group 1 storage vessel subject to this subpart shall comply with the requirements of §63.119 - §63.121 except as provided in §63.646(b)-(l).	§ 63.120(b)(1)(i) § 63.120(b)(1)(iii) § 63.120(b)(1)(iv) § 63.120(b)(10) § 63.120(b)(2)(i) § 63.120(b)(2)(ii) § 63.120(b)(2)(iii) § 63.120(b)(3) § 63.120(b)(4) § 63.646(b)(1) § 63.646(e)	[G]§ 63.120(b)(7) § 63.120(b)(8) § 63.642(e) § 63.646(b)(1) § 63.655(h)(1) [G]§ 63.655(i)(1) § 63.655(i)(5)	§ 63.120(b)(10)(ii) § 63.120(b)(10)(iii) § 63.120(b)(9) § 63.642(f) § 63.655(f) [G]§ 63.655(f)(1)(i)(B) § 63.655(f)(6) § 63.655(g) [G]§ 63.655(g)(3) § 63.655(h) § 63.655(h)(1) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) [G]§ 63.655(h)(6)
GRP-ERLQA	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-ERLQA	EU	R5112-b	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-ERLQA	EU	R5112-c	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-ERLQA	EU	60KB-b	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(a)	Except for §60.110b(b), this subpart applies to vessels with a capacity greater than or equal to 75 cubic meters (19,800 gal) used to store VOLs for which construction/reconstruction/modification began after 7/23/84.	§ 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(d) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.116b(d)
GRP-ERLQA	EU	60KB-c	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(2)	Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 60.113b(b)(5) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)		
GRP-ERLQA	EU	60KB-d	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(2)	Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)
GRP-ERLQA	EU	60QQQ	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-3(d) § 60.692-1(a) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Storage vessels, including slop oil tanks and other auxiliary tanks that are subject to the requirements of 40 CFR subparts K, Ka, or Kb, are not subject to the requirements of this section.	§ 60.692-3(a)(4) § 60.696(a)	§ 60.697(a) § 60.697(c) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2)	§ 60.698(b)(1) § 60.698(e)
GRP-ERLQA	EU	61FF	BENZENE	40 CFR Part 61, Subpart FF	§ 61.351(a) [G]§ 60.112b(a)(2) § 61.351(a)(2) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i)	§ 60.115b [G]§ 60.115b(b)(3) § 61.356(k)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						of the following §61.351(a)(1)-(3):	§ 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) [G]§ 60.113b(b)(6)		[G]§ 60.115b(b)(2) § 60.115b(b)(4) § 61.357(e) § 61.357(f)
GRP-ERLQA	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) [G]§ 60.112b(a)(2) § 63.640(n)(8)(i) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii)	Vessels described by § 63.640(n)(1) and (n)(3) are to comply with 40 CFR part 60, subpart Kb, except as provided for in §63.640(n)(8)(i)-(vi).	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) [G]§ 60.116b(e)(3) [G]§ 63.120(b)(7) § 63.640(n)(8)(ii)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 63.640(n)(8)(vi)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)
GRP-FIXA2	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-FIXA2	EU	60KA-b	VOC	40 CFR Part 60, Subpart Ka	§ 60.110a(a)	The affected facility is each storage vessel for petroleum liquids that has a storage capacity > 151,416 L (40,000 gal)	§ 60.115a(a) § 60.115a(b)	§ 60.115a(a)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						and for which construction commenced after 5/18/78 and prior to 7/23/84.			
GRP-FIXA2	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All Group 2 storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	§ 63.646(b)(1) § 63.646(b)(2)	§ 63.646(b)(1) § 63.655(g)(7)(ii) § 63.655(i)(1)(iv) § 63.655(i)(5)	§ 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
GRP-FIXAN	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-FIXAN	EU	60KA-b	VOC	40 CFR Part 60, Subpart Ka	§ 60.110a(a)	The affected facility is each storage vessel for petroleum liquids that has a storage capacity > 151,416 L (40,000 gal) and for which construction commenced after 5/18/78 and prior to 7/23/84.	§ 60.115a(a) § 60.115a(b)	§ 60.115a(a)	None
GRP-FIXAS	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs		TAC Chapter 115, Storage of VOCs	Chapter 115, Storage of VOCs	VOCs
GRP-FIXK2	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-FIXK2	EU	60K-b	VOC	40 CFR Part 60, Subpart K	§ 60.110(c) § 60.110(c)(2)	Facilities under §60.110(a) of this section with a capacity, construction or modification date as given in §60.110(c)(1) or §60.110(c)(2) are subject to the requirements of this section.	§ 60.113(a) § 60.113(b)	§ 60.113(a)	None
GRP-FIXK2	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All Group 2 storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	§ 63.646(b)(1) § 63.646(b)(2)	§ 63.646(b)(1) § 63.655(g)(7)(ii) § 63.655(i)(1)(iv) § 63.655(i)(5)	§ 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
GRP-GDTKS	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115,	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					specification requirements of 30 TAC Chapter 115, Storage of VOCs		Storage of VOCs	VOCs	
GRP-GDTKS	EU	R5112-b	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-GDTKS	EU	R5112-c	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-GDTKS	EU	60KB-b	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)
GRP-GDTKS	EU	60KB-c	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.116b(c)	§ 60.115b(a)(3)
GRP-GDTKS	EU	60KB-d	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)
GRP-GDTKS	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii)	Vessels described by § 63.640(n)(1) and (n)(3) are to comply with 40 CFR part 60, subpart Kb, except as provided for in §63.640(n)(8)(i)-(vi).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) § 60.116b(e)(2)(i) § 63.640(n)(8)(ii)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)
GRP-GDTKS	EU	63CC-b	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii)	Vessels described by § 63.640(n)(1) and (n)(3) are to comply with 40 CFR part 60, subpart Kb, except as provided for in §63.640(n)(8)(i)-(vi).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) § 60.116b(e)(2)(i) § 63.640(n)(8)(ii)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.112b(a)(1)(viii) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii)				
GRP-IRLQAG	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-IRLQAG	EU	R5112-b	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-IRLQAG	EU	R5112-c	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-IRLQAG	EU	60KA-b	VOC	40 CFR Part 60, Subpart Ka	§ 60.110a(a)	The affected facility is each storage vessel for petroleum liquids that has a storage capacity > 151,416 L (40,000 gal)	§ 60.115a(a) § 60.115a(b)	§ 60.115a(a)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						and for which construction commenced after 5/18/78 and prior to 7/23/84.			
GRP-IRLQAG	EU	60KA-c	VOC	40 CFR Part 60, Subpart Ka	§ 60.112a(a)(2)	Vessels storing petroleum liquids with a TVP > 10.3 kPa (1.5 psia) but < 76.6 kPa (11.1 psia) shall have a fixed roof and an internal floating cover with the specified closure device and vents.	§ 60.115a(a) § 60.115a(b)	§ 60.115a(a)	None
GRP-IRLQAG	EU	60KA-d	VOC	40 CFR Part 60, Subpart Ka	§ 60.112a(a)(2)	Vessels storing petroleum liquids with a TVP > 10.3 kPa (1.5 psia) but < 76.6 kPa (11.1 psia) shall have a fixed roof and an internal floating cover with the specified closure device and vents.	§ 60.115a(a) § 60.115a(b)	§ 60.115a(a)	None
GRP-IRLQAG	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.646(a) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(i) § 63.119(b)(4) § 63.120(a)(4) § 63.120(a)(7) [G]§ 63.646(f) § 63.646(g)	Each owner or operator of a Group 1 storage vessel subject to this subpart shall comply with the requirements of §63.119 - §63.121 except as provided in §63.646(b)-(l).	§ 63.120(a)(2)(i) § 63.120(a)(2)(ii) § 63.646(b)(1) § 63.646(e)	§ 63.120(a)(4) § 63.642(e) § 63.646(b)(1) § 63.655(h)(1) [G]§ 63.655(i)(1) § 63.655(i)(5)	§ 63.120(a)(5) § 63.120(a)(6) § 63.642(f) § 63.655(f) [G]§ 63.655(f)(1)(i)(B) § 63.655(f)(6) § 63.655(g) § 63.655(g)(2) [G]§ 63.655(g)(2)(i) [G]§ 63.655(g)(2)(ii) § 63.655(h) § 63.655(h)(1) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									[G]§ 63.655(h)(6)
GRP-IRLQB1	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-IRLQB1	EU	R5112-b	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-IRLQB1	EU	R5112-c	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-IRLQB1	EU	6oKB-b	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(A) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	§60.112b(a)(1)(i)-(ix).	§ 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)		
GRP-IRLQB1	EU	60KB-c	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(A) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)
GRP-IRLQB1	EU	60KB-d	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(A) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)
GRP-IRLQB1	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(A) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii)	Vessels described by § 63.640(n)(1) and (n)(3) are to comply with 40 CFR part 60, subpart Kb, except as provided for in §63.640(n)(8)(i)-(vi).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) § 60.116b(e)(2)(i) § 63.640(n)(8)(ii)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 63.640(n)(8)(v)
GRP-IRLQB1	EU	63CC-b	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) § 60.112b(a)(1)	Vessels described by § 63.640(n)(1) and (n)(3)	§ 60.113b(a)(1) § 60.113b(a)(2)	§ 60.115b § 60.115b(a)(2)	§ 60.113b(a)(2) § 60.113b(a)(5)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(A) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii)	are to comply with 40 CFR part 60, subpart Kb, except as provided for in §63.640(n)(8)(i)-(vi).	§ 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) § 60.116b(e)(2)(i) § 63.640(n)(8)(ii)	§ 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 63.640(n)(8)(v)
GRP-IRLQBG	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-IRLQBG	EU	R5112-b	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-IRLQBG	EU	R5112-c	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					TAC Chapter 115, Storage of VOCs				
GRP-IRLQBG	EU	6oKB-b	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(A) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)
GRP-IRLQBG	EU	6oKB-c	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(A) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)
GRP-IRLQBG	EU	6oKB-d	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(A) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)
GRP-IRLQBG	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(A) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv)	Vessels described by § 63.640(n)(1) and (n)(3) are to comply with 40 CFR part 60, subpart Kb, except as provided for in §63.640(n)(8)(i)-	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 63.640(n)(8)(v)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii)	(vi).	§ 60.116b(c) § 60.116b(e)(1) § 60.116b(e)(2)(i) § 63.640(n)(8)(ii)		
GRP-IRLQBG	EU	63CC-b	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(A) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii)	Vessels described by § 63.640(n)(1) and (n)(3) are to comply with 40 CFR part 60, subpart Kb, except as provided for in §63.640(n)(8)(i)-(vi).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) § 60.116b(e)(2)(i) § 63.640(n)(8)(ii)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 63.640(n)(8)(v)
GRP-IRLQK1	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-IRLQK1	EU	R5112-b	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115,	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					Storage of VOCs				
GRP-IRLQK1	EU	R5112-c	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-IRLQK1	EU	6oK-b	VOC	40 CFR Part 60, Subpart K	§ 60.110(c) § 60.110(c)(2)	Facilities under §60.110(a) of this section with a capacity, construction or modification date as given in §60.110(c)(1) or §60.110(c)(2) are subject to the requirements of this section.	§ 60.113(a) § 60.113(b)	§ 60.113(a)	None
GRP-IRLQK1	EU	6oK-c	VOC	40 CFR Part 60, Subpart K	§ 60.112(a)(1)	Storage vessels holding petroleum liquids with a true vapor pressure of 78 mm Hg (1.5 psia) or greater but not greater than 570 mm Hg (11.1 psia) shall have a floating roof, a vapor recovery system, or their equivalents.	§ 60.113(a) § 60.113(b) ** See Periodic Monitoring Summary	§ 60.113(a)	None
GRP-IRLQK1	EU	6oK-d	VOC	40 CFR Part 60, Subpart K	§ 60.112(a)(1)	Storage vessels holding petroleum liquids with a true vapor pressure of 78 mm Hg (1.5 psia) or greater but not greater than 570 mm Hg (11.1 psia) shall have a floating roof, a vapor	§ 60.113(a) § 60.113(b) ** See Periodic Monitoring Summary	§ 60.113(a)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						recovery system, or their equivalents.			
GRP-IRLQK1	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.646(a) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(i) § 63.119(b)(4) § 63.120(a)(4) § 63.120(a)(7) [G]§ 63.646(f) § 63.646(g)	Each owner or operator of a Group 1 storage vessel subject to this subpart shall comply with the requirements of §63.119 - §63.121 except as provided in §63.646(b)-(l).	§ 63.120(a)(2)(i) § 63.120(a)(2)(ii) § 63.646(b)(1) § 63.646(e)	§ 63.120(a)(4) § 63.642(e) § 63.646(b)(1) § 63.655(h)(1) [G]§ 63.655(i)(1) § 63.655(i)(5)	§ 63.120(a)(5) § 63.120(a)(6) § 63.642(f) § 63.655(f) [G]§ 63.655(f)(1)(i)(B) § 63.655(f)(6) § 63.655(g) § 63.655(g)(2) [G]§ 63.655(g)(2)(i) [G]§ 63.655(g)(2)(ii) § 63.655(h) § 63.655(h)(1) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) [G]§ 63.655(h)(6)
GRP-IRMTA1	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-IRMTA1	EU	R5112-b	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-IRMTA1	EU	R5112-c	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-IRMTA1	EU	60KA-b	VOC	40 CFR Part 60, Subpart Ka	§ 60.110a(a)	The affected facility is each storage vessel for petroleum liquids that has a storage capacity > 151,416 L (40,000 gal) and for which construction commenced after 5/18/78 and prior to 7/23/84.	§ 60.115a(a) § 60.115a(b)	§ 60.115a(a)	None
GRP-IRMTA1	EU	60KA-c	VOC	40 CFR Part 60, Subpart Ka	§ 60.112a(a)(2)	Vessels storing petroleum liquids with a TVP > 10.3 kPa (1.5 psia) but < 76.6 kPa (11.1 psia) shall have a fixed roof and an internal floating cover with the specified closure device and vents.	§ 60.115a(a) § 60.115a(b)	§ 60.115a(a)	None
GRP-IRMTA1	EU	60KA-d	VOC	40 CFR Part 60, Subpart Ka	§ 60.112a(a)(2)	Vessels storing petroleum liquids with a TVP > 10.3 kPa (1.5 psia) but < 76.6 kPa (11.1 psia) shall have a fixed roof and an internal floating cover with the specified closure device and vents.	§ 60.115a(a) § 60.115a(b)	§ 60.115a(a)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-IRMTA1	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.646(a) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(ii) § 63.119(b)(4) § 63.120(a)(4) § 63.120(a)(7) [G]§ 63.646(f) § 63.646(g)	Each owner or operator of a Group 1 storage vessel subject to this subpart shall comply with the requirements of §63.119 - §63.121 except as provided in §63.646(b)-(l).	§ 63.120(a)(2)(i) § 63.120(a)(2)(ii) § 63.646(b)(1) § 63.646(e)	§ 63.120(a)(4) § 63.642(e) § 63.646(b)(1) § 63.655(h)(1) [G]§ 63.655(i)(1) § 63.655(i)(5)	§ 63.120(a)(5) § 63.120(a)(6) § 63.642(f) § 63.655(f) [G]§ 63.655(f)(1)(i)(B) § 63.655(f)(6) § 63.655(g) § 63.655(g)(2) [G]§ 63.655(g)(2)(i) [G]§ 63.655(g)(2)(ii) § 63.655(h) § 63.655(h)(1) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) [G]§ 63.655(h)(6)
GRP-IRMTAG	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-IRMTAG	EU	R5112-b	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-IRMTAG	EU	R5112-c	VOC	30 TAC Chapter 115, Storage of	§ 115.112 The permit holder	The permit holder shall comply with the	The permit holder shall comply with the	The permit holder shall comply with the	The permit holder shall comply with the

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				VOCs	shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	applicable requirements of 30 TAC Chapter 115, Storage of VOCs	applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-IRMTAG	EU	60KA-b	VOC	40 CFR Part 60, Subpart Ka	§ 60.110a(a)	The affected facility is each storage vessel for petroleum liquids that has a storage capacity > 151,416 L (40,000 gal) and for which construction commenced after 5/18/78 and prior to 7/23/84.	§ 60.115a(a) § 60.115a(b)	§ 60.115a(a)	None
GRP-IRMTAG	EU	60KA-c	VOC	40 CFR Part 60, Subpart Ka	§ 60.112a(a)(2)	Vessels storing petroleum liquids with a TVP > 10.3 kPa (1.5 psia) but < 76.6 kPa (11.1 psia) shall have a fixed roof and an internal floating cover with the specified closure device and vents.	§ 60.115a(a) § 60.115a(b)	§ 60.115a(a)	None
GRP-IRMTAG	EU	60KA-d	VOC	40 CFR Part 60, Subpart Ka	§ 60.112a(a)(2)	Vessels storing petroleum liquids with a TVP > 10.3 kPa (1.5 psia) but < 76.6 kPa (11.1 psia) shall have a fixed roof and an internal floating cover with the specified closure device and vents.	§ 60.115a(a) § 60.115a(b)	§ 60.115a(a)	None
GRP-IRMTAG	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.646(a) § 63.119(a)(1)	Each owner or operator of a Group 1 storage	§ 63.120(a)(2)(i) § 63.120(a)(2)(ii)	§ 63.120(a)(4) § 63.642(e)	§ 63.120(a)(5) § 63.120(a)(6)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(i) § 63.119(b)(4) § 63.120(a)(4) § 63.120(a)(7) [G]§ 63.646(f) § 63.646(g)	vessel subject to this subpart shall comply with the requirements of §63.119 - §63.121 except as provided in §63.646(b)-(l).	§ 63.646(b)(1) § 63.646(e)	§ 63.646(b)(1) § 63.655(h)(1) [G]§ 63.655(i)(1) § 63.655(i)(5)	§ 63.642(f) § 63.655(f) [G]§ 63.655(f)(1)(i)(B) § 63.655(f)(6) § 63.655(g) § 63.655(g)(2) [G]§ 63.655(g)(2)(i) [G]§ 63.655(g)(2)(ii) § 63.655(h) § 63.655(h)(1) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) [G]§ 63.655(h)(6)
GRP-IRMTB1	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-IRMTB1	EU	R5112-b	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-IRMTB1	EU	R5112-c	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation,	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115,	The permit holder shall comply with the applicable monitoring and testing	The permit holder shall comply with the applicable recordkeeping	The permit holder shall comply with the applicable reporting requirements of 30 TAC

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	Storage of VOCs	requirements of 30 TAC Chapter 115, Storage of VOCs	requirements of 30 TAC Chapter 115, Storage of VOCs	Chapter 115, Storage of VOCs
GRP-IRMTB1	EU	6oKB-b	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)
GRP-IRMTB1	EU	6oKB-c	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)
GRP-IRMTB1	EU	6oKB-d	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)
GRP-IRMTB1	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) § 60.112b(a)(1)	Vessels described by § 63.640(n)(1) and (n)(3)	§ 60.113b(a)(1) § 60.113b(a)(2)	§ 60.115b § 60.115b(a)(2)	§ 60.113b(a)(2) § 60.113b(a)(5)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii)	are to comply with 40 CFR part 60, subpart Kb, except as provided for in §63.640(n)(8)(i)-(vi).	§ 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) § 60.116b(e)(2)(i) § 63.640(n)(8)(ii)	§ 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)
GRP-IRMTB1	EU	63CC-b	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii)	Vessels described by § 63.640(n)(1) and (n)(3) are to comply with 40 CFR part 60, subpart Kb, except as provided for in §63.640(n)(8)(i)-(vi).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) § 60.116b(e)(2)(i) § 63.640(n)(8)(ii)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)
GRP-IRMTBG	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-IRMTBG	EU	R5112-b	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs		TAC Chapter 115, Storage of VOCs	Chapter 115, Storage of VOCs	VOCs
GRP-IRMTBG	EU	R5112-c	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-IRMTBG	EU	6oKB-b	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)
GRP-IRMTBG	EU	6oKB-c	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G] § 60.116b(e)(3)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)
GRP-IRMTBG	EU	6oKB-d	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C)	Storage vessels specified in §60.112b(a) and equipped with a fixed	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4)	§ 60.115b § 60.115b(a)(2) § 60.116b(a)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.116b(b) § 60.116b(c)	§ 60.115b(a)(1) § 60.115b(a)(3)
GRP-IRMTBG	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii)	Vessels described by § 63.640(n)(1) and (n)(3) are to comply with 40 CFR part 60, subpart Kb, except as provided for in §63.640(n)(8)(i)-(vi).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) § 60.116b(e)(2)(i) § 63.640(n)(8)(ii)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)
GRP-IRMTBG	EU	63CC-b	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii)	Vessels described by § 63.640(n)(1) and (n)(3) are to comply with 40 CFR part 60, subpart Kb, except as provided for in §63.640(n)(8)(i)-(vi).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) § 60.116b(e)(2)(i) § 63.640(n)(8)(ii)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)
GRP-IRMTBQ	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115,	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					specification requirements of 30 TAC Chapter 115, Storage of VOCs		Storage of VOCs	VOCs	
GRP-IRMTBQ	EU	R5112-b	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-IRMTBQ	EU	R5112-c	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-IRMTBQ	EU	60KB-b	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)
GRP-IRMTBQ	EU	60KB-c	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.116b(c)	§ 60.115b(a)(3)
GRP-IRMTBQ	EU	6oKB-d	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)
GRP-IRMTBQ	EU	6oQQQ	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-3(d) § 60.692-1(a) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Storage vessels, including slop oil tanks and other auxiliary tanks that are subject to the requirements of 40 CFR subparts K, Ka, or Kb, are not subject to the requirements of this section.	§ 60.692-3(a)(4) § 60.696(a)	§ 60.697(a) § 60.697(c) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2)	§ 60.698(b)(1) § 60.698(e)
GRP-IRMTBQ	EU	61FF	BENZENE	40 CFR Part 61, Subpart FF	§ 61.351(a) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(A) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 61.351(a)(1) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5)	§ 60.115b § 60.115b(a)(2) § 61.356(k)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 61.357(e) § 61.357(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-IRMTBQ	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii)	Vessels described by § 63.640(n)(1) and (n)(3) are to comply with 40 CFR part 60, subpart Kb, except as provided for in §63.640(n)(8)(i)-(vi).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) § 60.116b(e)(2)(i) § 63.640(n)(8)(ii)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)
GRP-IRMTBQ	EU	63CC-b	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii)	Vessels described by § 63.640(n)(1) and (n)(3) are to comply with 40 CFR part 60, subpart Kb, except as provided for in §63.640(n)(8)(i)-(vi).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) § 60.116b(e)(2)(i) § 63.640(n)(8)(ii)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)
GRP-IRMTK1	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-IRMTK1	EU	R5112-b	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the	The permit holder shall comply with the applicable requirements	The permit holder shall comply with the applicable monitoring	The permit holder shall comply with the applicable	The permit holder shall comply with the applicable reporting

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	of 30 TAC Chapter 115, Storage of VOCs	and testing requirements of 30 TAC Chapter 115, Storage of VOCs	recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-IRMTK1	EU	R5112-c	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
GRP-IRMTK1	EU	6oK-b	VOC	40 CFR Part 60, Subpart K	§ 60.110(c) § 60.110(c)(2)	Facilities under §60.110(a) of this section with a capacity, construction or modification date as given in §60.110(c)(1) or §60.110(c)(2) are subject to the requirements of this section.	§ 60.113(a) § 60.113(b)	§ 60.113(a)	None
GRP-IRMTK1	EU	6oK-c	VOC	40 CFR Part 60, Subpart K	§ 60.112(a)(1)	Storage vessels holding petroleum liquids with a true vapor pressure of 78 mm Hg (1.5 psia) or greater but not greater than 570 mm Hg (11.1 psia) shall have a floating roof, a vapor recovery system, or their equivalents.	§ 60.113(a) § 60.113(b) ** See Periodic Monitoring Summary	§ 60.113(a)	None
GRP-IRMTK1	EU	6oK-d	VOC	40 CFR Part 60, Subpart K	§ 60.112(a)(1)	Storage vessels holding petroleum liquids with a	§ 60.113(a) § 60.113(b)	§ 60.113(a)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						true vapor pressure of 78 mm Hg (1.5 psia) or greater but not greater than 570 mm Hg (11.1 psia) shall have a floating roof, a vapor recovery system, or their equivalents.	** See Periodic Monitoring Summary		
GRP-IRMTK1	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.646(a) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(2) § 63.119(b)(3)(ii) § 63.119(b)(4) § 63.120(a)(4) § 63.120(a)(7) [G]§ 63.646(f) § 63.646(g)	Each owner or operator of a Group 1 storage vessel subject to this subpart shall comply with the requirements of §63.119 - §63.121 except as provided in §63.646(b)-(l).	§ 63.120(a)(2)(i) § 63.120(a)(2)(ii) § 63.646(b)(1) § 63.646(e)	§ 63.120(a)(4) § 63.642(e) § 63.646(b)(1) § 63.655(h)(1) [G]§ 63.655(i)(1) § 63.655(i)(5)	§ 63.120(a)(5) § 63.120(a)(6) § 63.642(f) § 63.655(f) [G]§ 63.655(f)(1)(i)(B) § 63.655(f)(6) § 63.655(g) § 63.655(g)(2) [G]§ 63.655(g)(2)(i) [G]§ 63.655(g)(2)(ii) § 63.655(h) § 63.655(h)(1) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) [G]§ 63.655(h)(6)
TK-51	EU	R5112-a	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
TK-51	EU	R5112-b	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation,	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115,	The permit holder shall comply with the applicable monitoring and testing	The permit holder shall comply with the applicable recordkeeping	The permit holder shall comply with the applicable reporting requirements of 30 TAC

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	Storage of VOCs	requirements of 30 TAC Chapter 115, Storage of VOCs	requirements of 30 TAC Chapter 115, Storage of VOCs	Chapter 115, Storage of VOCs
TK-51	EU	R5112-c	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable monitoring and testing requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable recordkeeping requirements of 30 TAC Chapter 115, Storage of VOCs	The permit holder shall comply with the applicable reporting requirements of 30 TAC Chapter 115, Storage of VOCs
TK-51	EU	6oKB-b	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(A) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)
TK-51	EU	6oKB-c	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(A) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)
TK-51	EU	6oKB-d	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i)	Storage vessels specified in §60.112b(a) and	§ 60.113b(a)(1) § 60.113b(a)(2)	§ 60.115b § 60.115b(a)(2)	§ 60.113b(a)(2) § 60.113b(a)(5)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.112b(a)(1)(ii)(A) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.115b § 60.115b(a)(1) § 60.115b(a)(3)
TK-51	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(A) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii)	Vessels described by § 63.640(n)(1) and (n)(3) are to comply with 40 CFR part 60, subpart Kb, except as provided for in §63.640(n)(8)(i)-(vi).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) § 60.116b(e)(2)(i) § 63.640(n)(8)(ii)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 63.640(n)(8)(v)
TK-51	EU	63CC-b	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(A) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii)	Vessels described by § 63.640(n)(1) and (n)(3) are to comply with 40 CFR part 60, subpart Kb, except as provided for in §63.640(n)(8)(i)-(vi).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) § 60.116b(e)(2)(i) § 63.640(n)(8)(ii)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 63.640(n)(8)(v)
GRPTURNJET	EU	R5311a	VOC	30 TAC Chapter 115, Unit Turn & Vac System- Pet Ref	§ 115.317	In Gregg, Nueces and Victoria Counties, a vacuum-producing system emitting a combined weight of	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						VOCs less than or equal to 100 lbs. in any consecutive 24-hour period is exempt from the requirements of §115.311(b).			
GRP-VACJET	EU	R5311a	VOC	30 TAC Chapter 115, Unit Turn & Vac System-Pet Ref	§ 115.311(b)(1) § 115.312(b)(2) § 115.312(b)(2)(C)	No person may be allowed to emit VOC from a steam ejector or mechanical vacuum pump in a petroleum refinery, unless vent stream is burned properly in accordance with §115.312(b)(2) of this title.	[G]§ 115.315(b) ** See Periodic Monitoring Summary	None	None
GRP-VACJET	EU	R5311b	VOC	30 TAC Chapter 115, Unit Turn & Vac System-Pet Ref	§ 115.311(b)(1) § 115.312(b)(2) § 115.312(b)(2)(B)	No person may be allowed to emit VOC from a steam ejector or mechanical vacuum pump in a petroleum refinery, unless vent stream is burned properly in accordance with §115.312(b)(2) of this title.	[G]§ 115.315(b) ** See Periodic Monitoring Summary	None	None
APISEP	EU	R5131	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(b)(3) § 115.131(b)	VOC water separator compartments must be equipped with a vapor recovery system which satisfies the provisions of §115.131(b) of this title.	[G]§ 115.135(b) § 115.136(b)(3) § 115.136(b)(4) ** See Periodic Monitoring Summary	§ 115.136(b)(3) § 115.136(b)(4)	None
APISEP	EU	60QQQ	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-3(a) § 60.692-1(a) § 60.692-3(a)(1) § 60.692-3(a)(2) § 60.692-3(a)(3)	Except as noted, each oil-water separator tank, slop oil tank, storage vessel, or other auxiliary equipment shall be	§ 60.692-3(a)(4) § 60.695(a) § 60.695(a)(1) § 60.696(a)	§ 60.695(a)(1) § 60.697(a) § 60.697(c) § 60.697(d) [G]§ 60.697(e)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(1) § 60.698(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.692-3(a)(5) § 60.692-3(b) § 60.692-3(e) § 60.692-5(a) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	equipped with fixed roof, meeting following specifications:		§ 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(viii)	
APISEP	EU	6oFF-a	BENZENE	40 CFR Part 61, Subpart FF	§ 61.347(a)(1) § 61.347(a)(1)(i)(A) § 61.347(a)(1)(i)(B) § 61.347(b) § 61.347(c) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(i)(C) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	Install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the oil-water separator to a control device.	§ 61.347(a)(1)(i)(A) § 61.347(b) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c)(1) [G]§ 61.355(h)	§ 61.354(c) § 61.354(c)(1) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(A) § 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(4)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(A)

Additional Monitoring Requirements

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CAM Summary

Unit/Group/Process Information	
ID No.: 24-ST-01	
Control Device ID No.: 24-ST-02	Control Device Type: Wet Scrubber
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart J	SOP Index No.: 60J
Pollutant: PM	Main Standard: § 60.102(a)(1)
Monitoring Information	
Indicator: Pressure Drop	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
<p>Deviation Limit: Min. flue gas pressure drop across the filtering modules & cyclolabs is 80% of the avg. value recorded from the most recent performance test. The TCEQ will be notified of changes to the deviation limit from the most recent stack test within 60 days.</p>	
<p>CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <ul style="list-style-type: none"> ± 1 inch water gauge pressure (± 250 pascals); or ± 2% of span. 	

CAM Summary

Unit/Group/Process Information	
ID No.: 24-ST-01	
Control Device ID No.: 24-ST-02	Control Device Type: Wet Scrubber
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart J	SOP Index No.: 60J
Pollutant: PM	Main Standard: § 60.102(a)(1)
Monitoring Information	
Indicator: Liquid Supply Pressure	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
<p>Deviation Limit: Minimum water pressure to filtering modules is 80% of the average value recorded from the most recent performance test. The TCEQ will be notified of changes to the deviation limit from the most recent stack test within 60 days after the stack sample</p>	
<p>CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <ul style="list-style-type: none"> ± 5% of span; or ± 5% of design liquid supply pressure. 	

CAM Summary

Unit/Group/Process Information	
ID No.: 24-ST-01	
Control Device ID No.: 24-ST-02	Control Device Type: Wet Scrubber
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart J	SOP Index No.: 60J
Pollutant: PM (OPACITY)	Main Standard: § 60.102(a)(2)
Monitoring Information	
Indicator: Pressure Drop	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
<p>Deviation Limit: Min. flue gas pressure drop across the filtering modules & cyclolabs is 80% of the avg. value recorded from the most recent performance test. The TCEQ will be notified of changes to the deviation limit from the most recent stack test within 60 days.</p>	
<p>CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <ul style="list-style-type: none"> ± 1 inch water gauge pressure (± 250 pascals); or ± 2% of span. 	

CAM Summary

Unit/Group/Process Information	
ID No.: 24-ST-01	
Control Device ID No.: 24-ST-02	Control Device Type: Wet Scrubber
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart J	SOP Index No.: 60J
Pollutant: PM (OPACITY)	Main Standard: § 60.102(a)(2)
Monitoring Information	
Indicator: Liquid Supply Pressure	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
<p>Deviation Limit: Minimum water pressure to filtering modules is 80% of the average value recorded from the most recent performance test. The TCEQ will be notified of changes to the deviation limit from the most recent stack test within 60 days after the stack sample</p>	
<p>CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <ul style="list-style-type: none"> ± 5% of span; or ± 5% of design liquid supply pressure. 	

CAM Summary

Unit/Group/Process Information	
ID No.: GRP-EPN121	
Control Device ID No.: 24-ST-02	Control Device Type: Wet Scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Pressure Drop	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
<p>Deviation Limit: Min. flue gas pressure drop across the filtering modules & cyclolabs is 80% of the avg. value recorded from the most recent performance test. The TCEQ will be notified of changes to the deviation limit from the most recent stack test within 60 days.</p>	
<p>CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <ul style="list-style-type: none"> ± 1 inch water gauge pressure (± 250 pascals); or ± 2% of span. 	

CAM Summary

Unit/Group/Process Information	
ID No.: GRP-EPN121	
Control Device ID No.: 24-ST-02	Control Device Type: Wet Scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Liquid Supply Pressure	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
<p>Deviation Limit: Minimum water pressure to filtering modules is 80% of the average value recorded from the most recent performance test. The TCEQ will be notified of changes to the deviation limit from the most recent stack test within 60 days after the stack sample</p>	
<p>CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <ul style="list-style-type: none"> ± 5% of span; or ± 5% of design liquid supply pressure. 	

CAM Summary

Unit/Group/Process Information	
ID No.: GRP-EPN121	
Control Device ID No.: 24-ST-02	Control Device Type: Wet Scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: Pressure Drop	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: Min. flue gas pressure drop across the filtering modules & cyclolabs is 80% of the avg. value recorded from the most recent performance test. The TCEQ will be notified of changes to the deviation limit from the most recent stack test within 60 days.	
<p>CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <ul style="list-style-type: none"> ± 1 inch water gauge pressure (± 250 pascals); or ± 2% of span. 	

CAM Summary

Unit/Group/Process Information	
ID No.: GRP-EPN121	
Control Device ID No.: 24-ST-02	Control Device Type: Wet Scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: Liquid Supply Pressure	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: Minimum water pressure to filtering modules is 80% of the average value recorded from the most recent performance test. The TCEQ will be notified of changes to the deviation limit from the most recent stack test within 60 days after the stack sample	
CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following: <ul style="list-style-type: none"> ± 5% of span; or ± 5% of design liquid supply pressure. 	

CAM Summary

Unit/Group/Process Information	
ID No.: SRU	
Control Device ID No.: 24-ST-02	Control Device Type: Sulfur recovery unit with incinerator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: REG2
Pollutant: SO ₂	Main Standard: § 112.7(a)
Monitoring Information	
Indicator: Sulfur Dioxide Concentration	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: 2493.1 lbs/hr SO ₂	
<p>CAM Text: Use a continuous emission monitoring system (CEMS) to measure and record sulfur dioxide emissions in the exhaust stream of the control device. The CEMS shall be operated in accordance with the monitoring requirements of 40 CFR § 60.13 and the performance specifications of 40 CFR Part 60, Appendix B. In addition, monitor oxygen or carbon dioxide with a CEMS operated in accordance with above CEMS procedures.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: SRU	
Control Device ID No.: 24-ST-02	Control Device Type: Sulfur recovery unit with incinerator
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart J	SOP Index No.: 60J
Pollutant: SO ₂	Main Standard: § 60.104(a)(2)(i)
Monitoring Information	
Indicator: Sulfur Dioxide Concentration	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: 250 ppmv (dry basis) SO ₂ @ 0% excess air	
<p>CAM Text: Use a continuous emission monitoring system (CEMS) to measure and record sulfur dioxide emissions in the exhaust stream of the control device. The CEMS shall be operated in accordance with the monitoring requirements of 40 CFR § 60.13 and the performance specifications of 40 CFR Part 60, Appendix B. In addition, monitor oxygen or carbon dioxide with a CEMS operated in accordance with above CEMS procedures.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: SRU3	
Control Device ID No.: 24-ST-02	Control Device Type: Sulfur recovery unit with incinerator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: REG2
Pollutant: SO ₂	Main Standard: § 112.7(a)
Monitoring Information	
Indicator: Sulfur Dioxide Concentration	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: 2667.5 lbs/hr SO ₂	
<p>CAM Text: Use a continuous emission monitoring system (CEMS) to measure and record sulfur dioxide emissions in the exhaust stream of the control device. The CEMS shall be operated in accordance with the monitoring requirements of 40 CFR § 60.13 and the performance specifications of 40 CFR Part 60, Appendix B. In addition, monitor oxygen or carbon dioxide with a CEMS operated in accordance with above CEMS procedures.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: SRU3	
Control Device ID No.: 24-ST-02	Control Device Type: Sulfur recovery unit with incinerator
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart J	SOP Index No.: 60J
Pollutant: SO ₂	Main Standard: § 60.104(a)(2)(i)
Monitoring Information	
Indicator: Sulfur Dioxide Concentration	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: 250 ppmv (dry basis) SO ₂ @ 0% excess air	
<p>CAM Text: Use a continuous emission monitoring system (CEMS) to measure and record sulfur dioxide emissions in the exhaust stream of the control device. The CEMS shall be operated in accordance with the monitoring requirements of 40 CFR § 60.13 and the performance specifications of 40 CFR Part 60, Appendix B. In addition, monitor oxygen or carbon dioxide with a CEMS operated in accordance with above CEMS procedures.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: T-RACK	
Control Device ID No.: TRUCKCOMB	Control Device Type: Vapor Combustor
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Loading and Unloading of VOC	SOP Index No.: R5211a
Pollutant: VOC	Main Standard: § 115.211(2)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
<p>Deviation Limit: Minimum combustion temperature is the average value recorded from the most recent performance test. The TCEQ will be notified of the changes to the deviation limit from the most recent stack test within 60 days after the stack sampling is completed</p>	
<p>CAM Text: The monitoring device should be installed in the combustion chamber or immediately downstream of the combustion chamber. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <ul style="list-style-type: none"> ± 2% of reading; or ± 2.5 degrees Celsius. 	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 02-V-12	
Control Device ID No.: MFL-1	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121
Pollutant: VOC	Main Standard: § 115.121(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: n/a	
Deviation Limit: Any monitoring which indicates the lack of a pilot flames shall be considered and reported as a deviation when vent is routed to the flare, MFL-1, for vapor control.	
<p>Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 38-V-54	
Control Device ID No.: 38-H-01	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121
Pollutant: VOC	Main Standard: § 115.121(b)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: All periods of operation that are not recorded are to be considered and reported as a deviation when vent is routed to the Oleflex Charge Heater, 38-H-01, for vapor control.	
Periodic Monitoring Text: Monitor and record the periods of operation of the steam generating units or process heater. All periods that are not recorded shall be considered and reported as a deviation. The records must be readily available for inspection.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 38-V-55	
Control Device ID No.: 38-H-02	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121
Pollutant: VOC	Main Standard: § 115.121(b)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: All periods of operation that are not recorded are to be considered and reported as a deviation when vent is routed to the Oleflex Interheater, 38-H-02, for vapor control.	
Periodic Monitoring Text: Monitor and record the periods of operation of the steam generating units or process heater. All periods that are not recorded shall be considered and reported as a deviation. The records must be readily available for inspection.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 44-V-01	
Control Device ID No.: GF-1	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121
Pollutant: VOC	Main Standard: § 115.121(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: n/a	
<p>Deviation Limit: Any monitoring which indicates the lack of a pilot flames shall be considered and reported as a deviation when vent is routed to the flare, GF-1, for vapor control.</p>	
<p>Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 47-V-02	
Control Device ID No.: 47-H-01	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Control Device ID No.: 47-H-02	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Control Device ID No.: 47-H-03	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Control Device ID No.: 47-H-04	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121
Pollutant: VOC	Main Standard: § 115.121(b)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: All periods of operation that are not recorded are to be considered and reported as a deviation when vent is routed to the Hydrocracker heaters, 47-H-01, 47-H-02, 47-H-03, & 47-H-04, for vapor control.	
Periodic Monitoring Text: Monitor and record the periods of operation of the steam generating units or process heater. All periods that are not recorded shall be considered and reported as a deviation. The records must be readily available for inspection.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 48-V-01	
Control Device ID No.: 48-H-01	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121
Pollutant: VOC	Main Standard: § 115.121(b)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: All periods of operation that are not recorded are to be considered and reported as a deviation when vent is routed to the NHT heater, 48-H-01, for vapor control.	
Periodic Monitoring Text: Monitor and record the periods of operation of the steam generating units or process heater. All periods that are not recorded shall be considered and reported as a deviation. The records must be readily available for inspection.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 49-V-01	
Control Device ID No.: GF-1	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121
Pollutant: VOC	Main Standard: § 115.121(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: n/a	
<p>Deviation Limit: Any monitoring which indicates the lack of a pilot flames shall be considered and reported as a deviation when vent is routed to the flare, GF-1, for vapor control.</p>	
<p>Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 70-TK-109	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-c
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: Internal Floating Roof	
Minimum Frequency: annually	
Averaging Period: n/a	
<p>Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the IFR, the seals are detached, or if there are holes or tears in the seal fabric shall be considered a deviation.</p>	
<p>Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 70-TK-109	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-d
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: Internal Floating Roof	
Minimum Frequency: annually	
Averaging Period: n/a	
<p>Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the IFR, the seals are detached, or if there are holes or tears in the seal fabric shall be considered a deviation.</p>	
<p>Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 73-TK-168	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-d
Pollutant: VOC	Main Standard: § 115.112(b)(1)
Monitoring Information	
Indicator: Internal Floating Roof	
Minimum Frequency: annually	
Averaging Period: n/a	
<p>Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation.</p>	
<p>Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: APISEP	
Control Device ID No.: 124	Control Device Type: Vapor Combustor
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Water Separation	SOP Index No.: R5131
Pollutant: VOC	Main Standard: § 115.132(b)(3)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a*	
Deviation Limit: Minimum combustor temperature of 1645 F.	
<p>Periodic Monitoring Text: Measure and record the combustion temperature in the combustion chamber or immediately downstream of the combustion chamber. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation.</p>	

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP-EPN118	
Control Device ID No.: GRP-EPN118	Control Device Type: Other Control Device Type
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121
Pollutant: VOC	Main Standard: § 115.121(b)
Monitoring Information	
Indicator: Exhaust Gas Temperature	
Minimum Frequency: once per week	
Averaging Period: n/a*	
Deviation Limit: Maximum exhaust gas temperature = 121 degrees F	
<p>Periodic Monitoring Text: Measure and record the exhaust gas temperature at the outlet of the condenser system. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data above the maximum limit shall be considered and reported as a deviation.</p>	

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP-EPN118	
Control Device ID No.: 13-H-01A	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Control Device ID No.: 13-H-01B	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Control Device ID No.: 13-H-01C	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121a
Pollutant: VOC	Main Standard: § 115.121(b)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: All periods of operation that are not recorded are to be considered and reported as a deviation when vent is routed to hydrogen reformer heater, 13-H-01A, 13-H-01B, 13-H-01C for vapor control.	
Periodic Monitoring Text: Monitor and record the periods of operation of the steam generating units or process heater. All periods that are not recorded shall be considered and reported as a deviation. The records must be readily available for inspection.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP-EPN126A	
Control Device ID No.: MFL-1	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121
Pollutant: VOC	Main Standard: § 115.121(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: n/a	
<p>Deviation Limit: Any monitoring which indicates the lack of a pilot flames shall be considered and reported as a deviation when vent is routed to the flare, MFL-1, for vapor control.</p>	
<p>Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP-EPN126B	
Control Device ID No.: MFL-1	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121
Pollutant: VOC	Main Standard: § 115.121(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: n/a	
<p>Deviation Limit: Any monitoring which indicates the lack of a pilot flames shall be considered and reported as a deviation when vent is routed to the flare, MFL-1, for vapor control.</p>	
<p>Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP-EPN126B	
Control Device ID No.: GRP-49HTR	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121a
Pollutant: VOC	Main Standard: § 115.121(b)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: All periods of operation that are not recorded are to be considered and reported as a deviation when vent is routed to the reformer heater, GRP-49HTR, for vapor control.	
Periodic Monitoring Text: Monitor and record the periods of operation of the steam generating units or process heater. All periods that are not recorded shall be considered and reported as a deviation. The records must be readily available for inspection.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP-EPN135	
Control Device ID No.: MFL-1	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121
Pollutant: VOC	Main Standard: § 115.121(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: n/a	
<p>Deviation Limit: Any monitoring which indicates the lack of a pilot flames shall be considered and reported as a deviation when vent is routed to the flare, MFL-1, for vapor control.</p>	
<p>Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP-IRLQK1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-c
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: Internal Floating Roof	
Minimum Frequency: annually	
Averaging Period: n/a	
<p>Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the IFR, the seals are detached, or if there are holes or tears in the seal fabric shall be considered a deviation.</p>	
<p>Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP-IRLQK1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-d
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: Internal Floating Roof	
Minimum Frequency: annually	
Averaging Period: n/a	
<p>Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the IFR, the seals are detached, or if there are holes or tears in the seal fabric shall be considered a deviation.</p>	
<p>Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP-IRMTK1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-c
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: Internal Floating Roof	
Minimum Frequency: annually	
Averaging Period: n/a	
<p>Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the IFR, the seals are detached, or if there are holes or tears in the seal fabric shall be considered a deviation.</p>	
<p>Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP-IRMTK1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-d
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: Internal Floating Roof	
Minimum Frequency: annually	
Averaging Period: n/a	
<p>Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the IFR, the seals are detached, or if there are holes or tears in the seal fabric shall be considered a deviation.</p>	
<p>Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP-VACJET	
Control Device ID No.: 02-H-01	Control Device Type: Other Control Device Type
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Unit Turn & Vac System-Pet Ref	SOP Index No.: R5311a
Pollutant: VOC	Main Standard: § 115.311(b)(1)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a*	
Deviation Limit: Minimum Temperature = 1200 F	
<p>Periodic Monitoring Text: Measure and record the combustion temperature in the combustion chamber or immediately downstream of the combustion chamber into which the volatile organic compound is introduced. Any monitoring data below the minimum limit shall be considered and reported as a deviation.</p>	

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP-VACJET	
Control Device ID No.: MFL-1	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Unit Turn & Vac System-Pet Ref	SOP Index No.: R5311b
Pollutant: VOC	Main Standard: § 115.311(b)(1)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: n/a	
Deviation Limit: Lack of a pilot flame shall be considered and reported as a deviation.	
<p>Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: MFL-1B	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Once per week	
Averaging Period: n/a	
<p>Deviation Limit: Any visible emissions observed on a weekly basis or a Test Method 9 can be performed as soon as practicable within 24 hours of observation with the opacity limit not to exceed 20% averaged over a 6 minute period.</p> <p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions.</p> <p>If the result of the Test Method 9 is an opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
13-H-01C	N/A	30 TAC Chapter 112, Sulfur Compounds	Boiler does not burn solid nor liquid fuel.
13-H-01C	N/A	40 CFR Part 60, Subpart D	Boiler does not have a heat input of greater than 250 MMBtu/hr.
13-H-01C	N/A	40 CFR Part 60, Subpart Da	Boiler does not have a heat input of greater than 250 MMBtu/hr and is not an electric utility steam generating units.
13-H-01C	N/A	40 CFR Part 60, Subpart Db	Boiler construction began before June 19, 1984.
13-H-01C	N/A	40 CFR Part 60, Subpart Dc	Boiler construction began before June 9, 1989.
30-B-02	N/A	30 TAC Chapter 112, Sulfur Compounds	Boiler does not burn solid nor liquid fuel.
30-B-02	N/A	40 CFR Part 60, Subpart D	Boilers do not have a heat input of greater than 250 MMBtu/hr.
30-B-02	N/A	40 CFR Part 60, Subpart Da	Boilers do not have a heat input of greater than 250 MMBtu/hr, and boilers are not electric utility steam generating units.
30-B-02	N/A	40 CFR Part 60, Subpart Dc	Boilers have a heat input of greater than 100 MMBtu/hr.
30-B-03	N/A	30 TAC Chapter 112, Sulfur Compounds	Boiler does not burn solid nor liquid fuel.

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
30-B-03	N/A	40 CFR Part 60, Subpart D	Boilers do not have a heat input of greater than 250 MMBtu/hr.
30-B-03	N/A	40 CFR Part 60, Subpart Da	Boilers do not have a heat input of greater than 250 MMBtu/hr, and boilers are not electric utility steam generating units.
30-B-03	N/A	40 CFR Part 60, Subpart Dc	Boilers have a heat input of greater than 100 MMBtu/hr.
46-H-01	N/A	30 TAC Chapter 112, Sulfur Compounds	Hot oil heater does not burn solid nor liquid fuel.
46-H-01	N/A	40 CFR Part 60, Subpart D	Hot oil heater does not have a heat input of greater than 250 MMBtu/hr.
46-H-01	N/A	40 CFR Part 60, Subpart Da	Hot oil heater does not have a heat input of greater than 250 MMBtu/hr and is not an electric utility steam generating unit.
46-H-01	N/A	40 CFR Part 60, Subpart Db	Hot oil heater has a heat input of less than 100 MMBtu/hr.
46-H-01	N/A	40 CFR Part 60, Subpart Dc	Hot oil heater construction began before June 9, 1989.
GRP-EPN118	13To1, SMR-CO2-VT	40 CFR Part 63, Subpart CC	By definition, CO2 vents from hydrogen production plants are not subject to vent rules.
GRP-EPN118	13To1, SMR-CO2-VT	40 CFR Part 63, Subpart G	Not subject to HON - unit does not produce a listed

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
			chemical.
GRP-EPN121	2202-L, 2203-L, 24-ST-02	30 TAC Chapter 115, Vent Gas Controls	Vent downstream of combustion device.
GRP-EPN121	2202-L, 2203-L, 24-ST-02	40 CFR Part 63, Subpart CC	Vents from Cracking Units and Sulfur Recovery Units are except from MACT CC
GRP-EPN121	2202-L, 2203-L, 24-ST-02	40 CFR Part 63, Subpart G	Process vent is not part of a SOCMCI process
GRP-EPN135	01Vo1, 01V13, 01V16, 24V36	40 CFR Part 63, Subpart G	Does not meet the definition of subject process vents.
GRP-EPN155	49-SCRUB	30 TAC Chapter 115, Vent Gas Controls	Vent downstream of combustion device.
GRP-EPN155	49-SCRUB	40 CFR Part 63, Subpart CC	Vents from catalytic reformer catalyst regeneration are except from MACT CC.
GRP-EPN155	49-SCRUB	40 CFR Part 63, Subpart G	Does not meet the definition of subject process vents.
GRP-EPN168	38-SCRUB	30 TAC Chapter 115, Vent Gas Controls	Vent downstream of combustion device.
GRP-EPN168	38-SCRUB	40 CFR Part 63, Subpart CC	Not part of a petroleum refining process unit.
GRP-EPN168	38-SCRUB	40 CFR Part 63, Subpart G	Does not meet the definition of subject process vents.
MFL-1B	N/A	40 CFR Part 60, Subpart A	Flare not used as control device for a source subject to part 60.
54F-MTBE	N/A	40 CFR Part 60, Subpart VV	Does not produce listed chemical

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
54F-MTBE	N/A	40 CFR Part 63, Subpart H	Not subject to HON - unit does not produce a listed chemical.
BUTAMER	N/A	30 TAC Chapter 115, Fugitives Pet Ref B Counties	Not a petroleum unit.
FUELDRM	N/A	40 CFR Part 60, Subpart GGG	Not a process unit.
FUELDRM	N/A	40 CFR Part 60, Subpart VV	Does not produce listed chemical.
GRP-5GCCVV	11F-HOC, 49-RSU, 49-XFU, 4F, CRUDE UNIT, CRU-FUG, HCU-FUG, HOC-FUG, HRLEU-FUG, LRU, NHT-FUG	40 CFR Part 61, Subpart J	MACT CC overrides
GRP-R5-1	41F, AMINE-FUG, SMR-FUG, SWS-FUG	40 CFR Part 60, Subpart GGG	Construction before applicability date
GRP-R5-1	41F, AMINE-FUG, SMR-FUG, SWS-FUG	40 CFR Part 60, Subpart VV	Does not produce listed chemical
GRP-R5-1	41F, AMINE-FUG, SMR-FUG, SWS-FUG	40 CFR Part 63, Subpart CC	No HAPS
GRP-R5-2	30B01F, 30B02F, 30B03F	40 CFR Part 60, Subpart GGG	Not a process unit
GRP-R5-2	30B01F, 30B02F, 30B03F	40 CFR Part 60, Subpart VV	Does not produce listed chemical
GRP-R5-2	30B01F, 30B02F, 30B03F	40 CFR Part 63, Subpart CC	No HAPS
GRP-R5CC	11F-HDS, ALKY-FUG, HDS FUG	40 CFR Part 60, Subpart GGG	Construction before applicability date

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
GRP-R5CC	11F-HDS, ALKY-FUG, HDS FUG	40 CFR Part 60, Subpart VV	Does not produce listed chemical
GRP-R5CC2	DOCKS-F, GAS BLEND, PIPING FUG, TERMIN 2/2A, TERMINAL 1, TERMINAL 3	40 CFR Part 60, Subpart GGG	Not a process unit
GRP-R5CC2	DOCKS-F, GAS BLEND, PIPING FUG, TERMIN 2/2A, TERMINAL 1, TERMINAL 3	40 CFR Part 60, Subpart VV	Does not produce listed chemical.
GRP-R5G	46F/24F, 47PSA, VACUUMUNIT	40 CFR Part 60, Subpart VV	Does not produce listed chemical
GRP-R5G	46F/24F, 47PSA, VACUUMUNIT	40 CFR Part 63, Subpart CC	No HAPS
LPG STORAG	N/A	40 CFR Part 60, Subpart GGG	Not a process unit
LPG STORAG	N/A	40 CFR Part 60, Subpart VV	Does not produce listed chemical
LPG STORAG	N/A	40 CFR Part 63, Subpart CC	No HAPS
MTBE-FUG	N/A	40 CFR Part 60, Subpart VV	Does not produce listed chemical
MTBE-FUG	N/A	40 CFR Part 63, Subpart H	Not subject to HON - unit does not produce a listed chemical.
MVRUF	N/A	40 CFR Part 60, Subpart GGG	Not a process unit.
MVRUF	N/A	40 CFR Part 60, Subpart VV	Does not produce listed chemical.
OLEFLEX-FU	N/A	30 TAC Chapter 115, Fugitives Pet Ref B Counties	Not a petroleum unit

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
OLEFLEX-FU	N/A	40 CFR Part 60, Subpart GGG	(SOP 60GGGEXVV) Facilities subject to Subpart VV are excluded from Subpart GGG.
OLEFLEX-FU	N/A	40 CFR Part 63, Subpart CC	Not a petroleum refining process unit.
SRU	N/A	40 CFR Part 60, Subpart LLL	Not onshore natural gas processing plant.
SRU ₃	N/A	40 CFR Part 60, Subpart LLL	Not onshore natural gas processing plant.
GRP-CT	ALKY-CT, BUP-CT, CRUDE-CT, HOC-CT	40 CFR Part 63, Subpart Q	Cooling towers do not use chromium-based water treatment chemicals.
BARGEDOCKS	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Marine loading not subject to requirements.
BARGEDOCKS	N/A	40 CFR Part 60, Subpart XX	Does not load tank trucks.
BARGEDOCKS	N/A	40 CFR Part 63, Subpart G	Not a transfer rack by MACT F definition.
BARGEDOCKS	N/A	40 CFR Part 63, Subpart R	Does not load tank trucks
SHIPDOCKS	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Marine loading not subject to requirements.
SHIPDOCKS	N/A	40 CFR Part 60, Subpart XX	Does not load tank trucks.
SHIPDOCKS	N/A	40 CFR Part 63, Subpart G	Not a transfer rack by MACT F definition.
SHIPDOCKS	N/A	40 CFR Part 63, Subpart R	Does not load tank trucks
T-RACK	N/A	40 CFR Part 61, Subpart BB	Truck rack does not load benzene.

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
T-RACK	N/A	40 CFR Part 63, Subpart G	Not a transfer rack by MACT F definition.
T-RACK	N/A	40 CFR Part 63, Subpart R	Subject to MACT CC - overrides MACT R
T-RACK	N/A	40 CFR Part 63, Subpart Y	Not marine loading
VRU	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Marine loading not subject to requirements.
VRU	N/A	40 CFR Part 60, Subpart XX	Does not load tank trucks.
VRU	N/A	40 CFR Part 63, Subpart F	Not a transfer rack by MACT F definition.
VRU	N/A	40 CFR Part 63, Subpart R	Does not load tank trucks
GRP-SULJET	43J01, 43J02	30 TAC Chapter 115, Unit Turn & Vac System-Pet Ref	No VOCs in the vent stream.
13-H-01A	N/A	30 TAC Chapter 112, Sulfur Compounds	Heater does not burn liquid fuel or solid fuel.
13-H-01B	N/A	30 TAC Chapter 112, Sulfur Compounds	Heater does not burn liquid or solid fuel.
31-H-01	N/A	30 TAC Chapter 112, Sulfur Compounds	Heater does not burn liquid or solid fuel.
38-H-01	N/A	30 TAC Chapter 112, Sulfur Compounds	Heater does not burn liquid or solid fuel.
38-H-02	N/A	30 TAC Chapter 112, Sulfur	Heater does not burn liquid or solid fuel.

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
		Compounds	
49-H-91	N/A	30 TAC Chapter 112, Sulfur Compounds	Heaters do not burn liquid or solid fuel.
52-H-01	N/A	30 TAC Chapter 112, Sulfur Compounds	Heater does not burn liquid or solid fuel.
GRP-49HTR	49-H-01, 49-H-02, 49-H-03, 49-H-04	30 TAC Chapter 112, Sulfur Compounds	Heaters do not burn liquid or solid fuel.
GRP-HTR	01-H-01, 01-H-02, 01-H-03, 02-H-01, 02-H-02, 11-H-01, 12-H01A, 12-H01B, 12-H02, 36-H-01, 38-H-03, 47-H-05, 49-H-02NEW, 49-H-71, 49-H-90, 49-HDIC6	30 TAC Chapter 112, Sulfur Compounds	Heaters do not burn liquid or solid fuel.
GRP-HTRJ	47-H-01, 47-H-02, 47-H-03, 47-H-04, 48-H-01	30 TAC Chapter 112, Sulfur Compounds	Heaters do not burn liquid or solid fuel.
03-TK-156	N/A	40 CFR Part 63, Subpart G	Not subject to HON - unit does not produce a listed chemical and thus tanks no longer store a listed chemical.
03-TK-161	N/A	40 CFR Part 63, Subpart G	Not subject to HON - unit does not produce a listed chemical and thus tanks no longer store a listed chemical.
43-TK-04	N/A	40 CFR Part 63, Subpart CC	Tank does not store HAPs listed in Table 1 of 63 Subpart CC

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
43-TK-04	N/A	40 CFR Part 63, Subpart G	Not subject because not associated with SOCMI unit
49-V-14	N/A	30 TAC Chapter 115, Storage of VOCs	When not storing VOC, tank is not subject to regulation. When storing any VOC, a storage tank with storage capacity less than 1,000 gallons is exempt.
49-V-14	N/A	40 CFR Part 60, Subpart Kb	Tank capacity less than 40,000 gallons.
49-V-14	N/A	40 CFR Part 63, Subpart CC	Tank does not store HAPs listed in Table 1 of 63 Subpart CC
49-V-14	N/A	40 CFR Part 63, Subpart G	Not subject because not associated with SOCMI unit.
50-TK-60	N/A	40 CFR Part 63, Subpart G	Not subject because not associated with SOCMI unit.
70-TK-109	N/A	40 CFR Part 63, Subpart G	Not subject because not associated with SOCMI unit.
70-TK-110	N/A	40 CFR Part 63, Subpart G	Not subject because not associated with SOCMI unit.
70-TK-138	N/A	40 CFR Part 63, Subpart G	Not subject because not associated with SOCMI unit.
70-TK-140	N/A	40 CFR Part 60, Subpart Kb	Not subject to Subpart Kb - tank stores a VOL with a maximum true vapor pressure less than 2.2 psia.
83-TK-155	N/A	40 CFR Part 63, Subpart CC	Does not process MACT CC Group 1 wastewater streams.
83-TK-155	N/A	40 CFR Part 63, Subpart DD	The facility doesn't process wastes, materials are considered off-spec products to be recycled. The facility does process both in-plant generated and

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
			employee household “do-it-yourself” used motor oil that doesn’t meet the definition of used oil.
83-TK-155	N/A	40 CFR Part 63, Subpart G	Not subject because not associated with SOCMCI unit.
83-TK-23	N/A	40 CFR Part 63, Subpart CC	Does not process MACT CC Group 1 wastewater streams.
83-TK-23	N/A	40 CFR Part 63, Subpart DD	The facility doesn’t process wastes, materials are considered off-spec products to be recycled. The facility does process both in-plant generated and employee household “do-it-yourself” used motor oil that doesn’t meet the definition of used oil.
83-TK-23	N/A	40 CFR Part 63, Subpart G	Not subject because not associated with SOCMCI unit.
83-TK-25	N/A	40 CFR Part 63, Subpart CC	Tank does not store HAPs listed in Table 1 of 63 Subpart CC
83-TK-25	N/A	40 CFR Part 63, Subpart G	Not subject because not associated with SOCMCI unit
83-TK-26	N/A	40 CFR Part 63, Subpart G	Not subject because not associated with SOCMCI unit.
83-TK-28	N/A	40 CFR Part 63, Subpart CC	Tank does not store HAPs listed in Table 1 of 63 Subpart CC.
83-TK-28	N/A	40 CFR Part 63, Subpart G	Not subject because not associated with SOCMCI unit.
83-V-97	N/A	40 CFR Part 63, Subpart CC	Does not process MACT CC Group 1 wastewater streams.

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
83-V-97	N/A	40 CFR Part 63, Subpart G	Not subject because not associated with SOCMI unit.
GRP-EFRA1	50-TK-57, 50-TK-59, 72-TK-14, 72-TK-15	40 CFR Part 63, Subpart G	Not subject because not associated with SOCMI unit.
GRP-ERLQA	83-V-58, 83-V-59	40 CFR Part 63, Subpart G	Not subject because not associated with SOCMI unit.
GRP-FIXA2	70-TK-105, 70-TK-98, 73-TK-9	40 CFR Part 63, Subpart G	Not subject because not associated with SOCMI unit.
GRP-FIXAN	70-TK-149, 70-TK-150, 72-TK-18, 72-TK-19, 72-TK-20	40 CFR Part 63, Subpart CC	Tank does not store HAPs listed in Table 1 of 63 Subpart CC
GRP-FIXAN	70-TK-149, 70-TK-150, 72-TK-18, 72-TK-19, 72-TK-20	40 CFR Part 63, Subpart G	Not subject because not associated with SOCMI unit
GRP-FIXAS	43-TK-08, 43-V-10	40 CFR Part 60, Subpart Ka	Tank capacity less than 40,000 gallons.
GRP-FIXAS	43-TK-08, 43-V-10	40 CFR Part 63, Subpart CC	Tank does not store HAPs listed in Table 1 of 63 Subpart CC
GRP-FIXAS	43-TK-08, 43-V-10	40 CFR Part 63, Subpart G	Not subject because not associated with SOCMI unit
GRP-FIXK2	70-TK-96, 70-TK-97	40 CFR Part 63, Subpart G	Not subject because not associated with SOCMI unit.
GRP-IRLQB1	50-TK-62, 50-TK-63, 72-TK-111	40 CFR Part 63, Subpart G	Not subject because not associated with SOCMI unit.
GRP-IRLQBG	50-TK-64, 50-TK-65	40 CFR Part 63, Subpart G	Not subject to HON - unit does not produce a listed chemical and thus tanks no longer store a listed chemical.
GRP-IRLQK1	70-TK-101, 70-TK-102, 70-TK-103,	40 CFR Part 63, Subpart G	Not subject because not associated with SOCMI unit.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
	70-TK-108, 70-TK-137, 70-TK-94		
GRP-IRMTA1	50-TK-58, 70-TK-93	40 CFR Part 63, Subpart G	Not subject because not associated with SOCMCI unit.
GRP-IRMTB1	70-TK-115, 70-TK-116, 72-TK-112, TK-114	40 CFR Part 63, Subpart G	Not subject because not associated with SOCMCI unit.
GRP-IRMTBQ	83-TK-159, 83-TK-160	40 CFR Part 63, Subpart G	Not subject because not associated with SOCMCI unit.
GRP-IRMTK1	70-TK-100, 70-TK-104, 70-TK-139, 70-TK-99	40 CFR Part 63, Subpart G	Not subject because not associated with SOCMCI unit.
TK-51	N/A	40 CFR Part 63, Subpart G	Not subject because not associated with SOCMCI unit.
APISEP	N/A	40 CFR Part 63, Subpart CC	Does not process MACT CC Group 1 wastewater streams.
APISEP	N/A	40 CFR Part 63, Subpart DD	Facility does not process off-site waste. Used oil at crude refineries is exempt under 279.10(g)(3).
APISEP	N/A	40 CFR Part 63, Subpart VV	Facility is not subject to 40 CFR Part 60, 61, 63 subparts which reference this subpart

New Source Review Authorization References

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New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Prevention of Significant Deterioration (PSD) Permits	
PSD Permit No.: PSDTX324M14	Issuance Date: 03/04/2014
Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 106965	Issuance Date: 02/10/2014
Authorization No.: 109543	Issuance Date: 03/04/2014
Authorization No.: 20740	Issuance Date: 11/15/2012
Authorization No.: 20992	Issuance Date: 04/25/2013
Authorization No.: 38754	Issuance Date: 03/04/2014
Authorization No.: 93732	Issuance Date: 11/08/2010
Authorization No.: 95652	Issuance Date: 05/16/2011
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 69	Version No./Date: 05/05/1976
Number: 69	Version No./Date: 09/23/1982
Number: 71	Version No./Date: 05/05/1976
Number: 86	Version No./Date: 08/30/1988
Number: 86	Version No./Date: 09/12/1989
Number: 86	Version No./Date: 09/13/1993
Number: 102	Version No./Date: 05/12/1981
Number: 102	Version No./Date: 09/23/1982
Number: 118	Version No./Date: 09/12/1989
Number: 125	Version No./Date: 09/23/1982
Number: 106.261	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.371	Version No./Date: 09/04/2000
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.478	Version No./Date: 03/14/1997
Number: 106.478	Version No./Date: 09/04/2000

New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Number: 106.511	Version No./Date: 09/04/2000
Number: 106.532	Version No./Date: 03/14/1997

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
01-H-01	CRUDE HEATER	38754, PSDTX324M14
01-H-02	CRD PREFLASH HTR	38754, PSDTX324M14
01-H-03	CRD STAB HEATER	38754, PSDTX324M14
01V01	CRUDE TOWER OVERHEAD ACCUMULATOR	38754, PSDTX324M14
01V13	PREFLASH OVERHEAD ACCUMULATOR	38754, PSDTX324M14
01V16	STABILIZER OVERHEAD ACCUMULATOR	38754, PSDTX324M14
02-H-01	VACUUM HEATER	38754, PSDTX324M14
02-H-02	VACUUM PF HEATER	38754, PSDTX324M14
02J01	VACUUM TOWER JET	38754, PSDTX324M14
02J02	VACUUM TOWER JET	38754, PSDTX324M14
02J03	VACUUM TOWER JET	38754, PSDTX324M14
02J04	VACUUM TOWER JET	38754, PSDTX324M14
02J05	VACUUM TOWER JET	38754, PSDTX324M14
02J06	VACUUM TOWER JET	38754, PSDTX324M14
02-V-12	VACUUM UNIT COOLANT OIL HOLDUP TANK	106.261/11/01/2003
03-TK-156	TANK NO. 156	38754, PSDTX324M14
03-TK-161	TANK NO. 161	38754, PSDTX324M14
05-CT-109	CRUDE UNIT COOLING TOWER	106965
11F-HDS	HDS DESALTER UNIT	38754, PSDTX324M14, 106.261/11/01/2003

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
11F-HOC	HOC DESALTER UNIT	38754, PSDTX324M14
11-H-01	DESALTER HEATER	38754, PSDTX324M14
12-H01A	HDS HTR. A	38754, PSDTX324M14
12-H01B	HDS HTR. B	38754, PSDTX324M14
12-H02	HDS PREHEATER	38754, PSDTX324M14
13-H-01A	H ₂ REFORMER HTR	38754, PSDTX324M14
13-H-01B	H ₂ REFORMER HTR	38754, PSDTX324M14
13-H-01C	H ₂ REFORMER HEATER	38754, PSDTX324M14
13T01	CONDENSATE STRIPPER	38754, 86443, PSDTX324M14
16-P-11-EN	DIESEL ENGINE DRIVER FOR PUMP	106.511/09/04/2000
16-P-12-EN	DIESEL ENGINE DRIVER FOR PUMP	106.511/09/04/2000
16-P-13-EN	DIESEL ENGINE DRIVER FOR PUMP	106.511/09/04/2000
16-P-14-EN	DIESEL ENGINE DRIVER FOR PUMP	106.511/09/04/2000
16-P-4-EN	DIESEL ENGINE DRIVER FOR PUMP	38754, PSDTX324M14
16-P-7-EN	DIESEL ENGINE DRIVER FOR PUMP	38754, PSDTX324M14
17-FUG	CRUDE UNIT FUGITIVES	106965
17-H-1	CRUDE UNIT CHARGE HEATER	106965
20-V-03	LRU STABILIZER O/H VENT	38754, PSDTX324M14
2202-L	LPG OXIDIZER VENT	38754, PSDTX324M14

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
2203-L	LPG OXIDIZER VENT	38754, PSDTX324M14
24-ST-01	FCCU	38754, PSDTX324M14
24-ST-02	CAUSTIC SCRUBBER/SULFTEN INCINERATOR/SCOT INCINERATOR	38754, PSDTX324M14
24V36	WATER DEGASSING DRUM	38754, PSDTX324M14
30B01F	30-B-01 FUGITIVES	38754, PSDTX324M14
30-B-02	30-B-02 BOILER	38754, PSDTX324M14
30B02F	30-B-02 FUGITIVES	38754, PSDTX324M14
30-B-03	30-B-03 BOILER	20740
30B03F	30-B-03 FUGITIVES	20740, 38754, PSDTX324M14
30-B-04	30-B-04 BOILER	95652
30B04F	BOILER 30-B-04 FUGITIVES	95652
31-H-01	ALKY REBOILER	38754, PSDTX324M14
31V05	DEPROPANIZER OVHD	38754, PSDTX324M14
36-H-01	BUTAMER HEATER	38754, PSDTX324M14
36J01	BUTAMER TURNAROUND VACUUM JET	118/09/12/1989
36-T-02	BUTAMER STABILIZER VENT 36-T-02	38754, PSDTX324M14
36-V-06	BUTAMER DEISOBUT OVERHEAD ACCUMULATOR 36-V-06	38754, PSDTX324M14
37-V-03	MTBE BUTENE COLUMN OVERHEAD DRUM 37-V-03	38754, PSDTX324M14
37-V-05	MTBE DEPROPANIZER OVERHEAD DRUM 37-V-05	38754, PSDTX324M14

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
38-H-01	OLEFLEX CHARGE HEATER	38754, PSDTX324M14
38-H-02	OLEFLEX INTERHEATER	38754, PSDTX324M14
38-H-03	OLEFLEX INTERHEATER	38754, PSDTX324M14
38J01	OLEFLEX TURNAROUND VACUUM JET	118/09/12/1989
38-SCRUB	OLEFLEX SCRUBBER	38754, PSDTX324M14
38-V-23	OLEFLEX PSA FEED COMPRESSOR 38-V-23	38754, PSDTX324M14
38-V-32	OLEFLEX PSA TAIL GAS COMP. SEC. OIL SEP. 38-V-32	38754, PSDTX324M14
38-V-54	OLEFLEX LOCK HOPPER #1	106.261/11/01/2003
38-V-55	OLEFLEX LOCK HOPPER #2	106.261/11/01/2003
41F	SRU FUGITIVES	38754, PSDTX324M14
41-H-07	SRU INCINERATOR	38754, PSDTX324M14
43J01	SULFUR LOADING VACUUM JET	118/09/12/1989
43J02	SULFUR PIT VACUUM JET	118/09/12/1989
43-TK-04	MDEA TANK	102/05/12/1981
43-TK-08	AMINE STORAGE TANK 43TK08	102/05/12/1981
43-V-10	AMINE SLOP TANK 43V10	86/09/12/1989
44-V-01	MAIN FUEL GAS DRUM	38754, PSDTX324M14
46F/24F	SULFTEN/SEU FUGITIVES	38754, PSDTX324M14
46-H-01	SULFTEN HEATER	38754, PSDTX324M14

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
47-H-01	HCU RX-01 47-H-01	38754, PSDTX324M14
47-H-02	HCU RX-02 47-H-02	38754, PSDTX324M14
47-H-03	DEBUTAN. REBOILER 47-H-03	38754, PSDTX324M14
47-H-04	FRACTIONATOR REBOILER 47-H-04	38754, PSDTX324M14
47-H-05	HCU HEATER	38754, PSDTX324M14
47J01	HCU TURNAROUND VACUUM JET	118/09/12/1989
47L01PSA	PSA OFF-GAS	38754, PSDTX324M14
47PSA	PSA	38754, PSDTX324M14
47-V-02	HCU FEED SURGE DRUM	106.261/11/01/2003
48-H-01	NHT HEATER	38754, PSDTX324M14
48-V-01	NHT FEED SURGE DRUM	106.261/11/01/2003
49CRU	UNIT 49 CRU	38754, PSDTX324M14, 106.261/11/01/2003
49-H-01	CRU CHARGE HEATER 49-H-01A	38754, PSDTX324M14
49-H-02	CRU CHARGE HEATER 49-H-01B	38754, PSDTX324M14
49-H-02NEW	NO. 1 INTERHEATER	38754, PSDTX324M14
49-H-03	CRU NO.2 INTERHEATER 49-H-03	38754, PSDTX324M14
49-H-04	CRU NO.3 INTERHEATER 49-H-04	38754, PSDTX324M14
49-H-71	RSU HEATER	38754, PSDTX324M14
49-H-90	C7 SPLITTER REB.	38754, PSDTX324M14

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
49-H-91	C8 SPLITTER REB.	20992
49-HDIC6	CRU DEISOHEXANIZER REBOILER	38754, PSDTX324M14
49Jo1	CRU TURNAROUND VACUUM JET	118/09/12/1989
49-RSU	49-RSU	38754, PSDTX324M14, 106.261/11/01/2003
49-SCRUB	CRU SCRUBBER	38754, PSDTX324M14
49-V-01	NET GAS SEPARATOR DRUM	38754, PSDTX324M14
49Vo6	FUEL GAS DRUM NO. 1	38754, PSDTX324M14, 106.261/11/01/2003
49Vo7	FUEL GAS DRUM NO. 2	38754, PSDTX324M14, 106.261/11/01/2003
49-V-14	PERCHLOROETHYLENE DRUM 49V14	38754, PSDTX324M14
49-XFU	49-XFU	38754, PSDTX324M14, 106.261/11/01/2003
4F	LEU	38754, PSDTX324M14, 106.261/11/01/2003
50-TK-57	TANK NO. 57	38754, PSDTX324M14
50-TK-58	TANK NO. 58	38754, PSDTX324M14
50-TK-59	TANK NO. 59	38754, PSDTX324M14
50-TK-60	TANK NO. 60	38754, PSDTX324M14
50-TK-61	TANK NO. 61	38754, PSDTX324M14
50-TK-62	TANK NO. 62	38754, PSDTX324M14
50-TK-63	TANK NO. 63	38754, PSDTX324M14
50-TK-64	TANK NO. 64	38754, PSDTX324M14

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
50-TK-65	TANK NO. 65	38754, PSDTX324M14
52-H-01	GD CHARGE HEATER	38754, PSDTX324M14
54F-MTBE	MTBE/TAME FUGITIVES	38754, PSDTX324M14
54F-TAME	TAMU UNIT	38754, PSDTX324M14
54-V-42	HOC MTBE DME STRIPPER OVERHEAD DRUM 54-V-42	38754, PSDTX324M14
70-TK-100	TANK NO. 100	38754, PSDTX324M14
70-TK-101	TANK NO. 101	38754, PSDTX324M14
70-TK-102	TANK NO. 102	38754, PSDTX324M14
70-TK-103	TANK NO. 103	38754, PSDTX324M14
70-TK-104	TANK NO. 104	38754, PSDTX324M14
70-TK-105	TANK NO. 105	38754, PSDTX324M14
70-TK-108	TANK NO. 108	38754, PSDTX324M14
70-TK-109	TANK NO. 109	38754, PSDTX324M14
70-TK-110	TANK NO. 110	38754, PSDTX324M14
70-TK-115	TANK NO. 115	38754, PSDTX324M14
70-TK-116	TANK NO. 116	38754, PSDTX324M14
70-TK-137	TANK NO. 137	38754, PSDTX324M14
70-TK-138	TANK NO. 138	71/05/05/1976
70-TK-139	TANK NO. 139	38754, PSDTX324M14

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
70-TK-140	TANK NO. 140	106.532/03/14/1997
70-TK-149	TANK NO. 149	38754, PSDTX324M14
70-TK-150	TANK NO. 150	38754, PSDTX324M14
70-TK-66	TANK NO. 66	106.478/09/04/2000
70-TK-67	TANK NO. 67	106.478/09/04/2000
70-TK-68	TANK NO. 68	106.478/09/04/2000
70-TK-93	TANK NO. 93	38754, PSDTX324M14
70-TK-94	TANK NO. 94	38754, PSDTX324M14
70-TK-95	TANK NO. 95	38754, PSDTX324M14
70-TK-96	TANK NO. 96	38754, PSDTX324M14
70-TK-97	TANK NO. 97	38754, PSDTX324M14
70-TK-98	TANK NO. 98	38754, PSDTX324M14
70-TK-99	TANK NO. 99	38754, PSDTX324M14
72-TK-111	TANK NO.111	38754, PSDTX324M14
72-TK-112	TANK NO. 112	38754, PSDTX324M14
72-TK-14	TANK NO. 14	38754, PSDTX324M14
72-TK-15	TANK NO. 15	38754, PSDTX324M14
72-TK-16	TANK NO. 16	38754, PSDTX324M14
72-TK-17	TANK NO. 17	38754, PSDTX324M14

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
72-TK-18	TANK NO. 18	38754, PSDTX324M14
72-TK-19	TANK NO. 19	38754, PSDTX324M14, 106.261/11/01/2003
72-TK-20	TANK NO. 20	38754, PSDTX324M14
72-TK-75	TANK NO. 75	38754, PSDTX324M14
72-TK-77	TANK NO. 77	38754, PSDTX324M14
72-TK-78	TANK NO. 78	38754, PSDTX324M14
73-TK-166	TANK 166	109543
73-TK-167	TANK 167	109543
73-TK-168	TANK 168	106965
73-TK-9	TANK NO. 9	38754, PSDTX324M14
83P136A-EN	DIESEL ENGINE DRIVER FOR PUMP	38754, PSDTX324M14
83P136B-EN	DIESEL ENGINE DRIVER FOR PUMP	38754, PSDTX324M14
83-TK-155	TANK NO. 155	106.532/03/14/1997
83-TK-159	TANK NO. 159	86/08/30/1988
83-TK-160	TANK NO. 160	86/08/30/1988
83-TK-162	TANK NO. 162	106.532/03/14/1997
83-TK-23	TANK NO. 23	102/09/23/1982
83-TK-25	TANK NO. 25	106.532/03/14/1997
83-TK-26	TANK NO. 26	86/09/12/1989

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
83-TK-28	CATALYST STORAGE TANK 83TK28	106.478/03/14/1997
83-V-58	83-V-58-OIL ONLY	86/08/30/1988
83-V-59	83-V-59	86/08/30/1988
83-V-97	83-V-97	106.478/03/14/1997
83-V-98	83-V-98	106.478/03/14/1997
ALKY-CT	ALKY COOLING TOWER	38754, PSDTX324M14
ALKY-FUG	ALKY UNIT	38754, PSDTX324M14
AMINE-FUG	AMINE UNIT	38754, PSDTX324M14
APISEP	API SEPARATOR	38754, PSDTX324M14
ATU3FUG	AMINE TREATER NO. 3 FUGITIVES	38754, PSDTX324M14
BARGEDOCKS	BARGEDOCKS	38754, PSDTX324M14
BUP-CT	BUP COOLING TOWER	38754, PSDTX324M14
BUTAMER	BUTAMER UNIT	38754, PSDTX324M14, 106.261/11/01/2003
BWS	BWS FUGITIVES	106965
CD-LOADING	THERMAL OXIDIZER AREA	109543
CD-PIPING	PIPING FUGITIVES	109543
CRUDE UNIT	CU FUGITIVES	38754, PSDTX324M14, 106.261/11/01/2003
CRUDE-CT	CRUDE COOLING TOWER	38754, PSDTX324M14
CRU-FUG	CRU	38754, PSDTX324M14

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
DEGREASE-F	DEGREASING	125/09/23/1982
DOCKS-F	DOCKS	38754, PSDTX324M14, 106.261/11/01/2003
FUELDRM	FUEL GAS DRUM	38754, PSDTX324M14
GAS BLEND	GAS BLENDING	38754, PSDTX324M14
GDFUG	GD FUGITIVES	38754, PSDTX324M14, 106.261/11/01/2003
GF-1	GROUND FLARE	38754, PSDTX324M14
HCU-FUG	HCU	38754, PSDTX324M14, 106.261/11/01/2003
HDS FUG	HDS UNIT	38754, PSDTX324M14, 106.261/11/01/2003
HOC-CT	HOC COOLING TOWER	38754, PSDTX324M14
HOC-FUG	HOC UNIT	38754, PSDTX324M14, 106.261/11/01/2003
HRLEU-FUG	HRLEU UNIT	38754, PSDTX324M14, 106.261/11/01/2003
LPG STORAG	LPG STORAGE	38754, PSDTX324M14, 106.261/11/01/2003
LRU	LRU	38754, PSDTX324M14
MFL-1B	ACID GAS FLARE	38754, PSDTX324M14
MFL-1	MAIN FLARE	38754, PSDTX324M14
MTBE FL-2	MTBE FLARE	38754, PSDTX324M14
MTBE-FUG	MTBE / ISO-OCTENE	38754, PSDTX324M14, 106.261/11/01/2003
MVRUF	VRU FUGITIVES	38754, PSDTX324M14
NHT-FUG	NHT	38754, PSDTX324M14, 106.261/11/01/2003

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
OLEFLEX-FU	OLEFLEX	38754, PSDTX324M14
PIPING FUG	TRUCK RACK	38754, PSDTX324M14, 106.261/11/01/2003
RAIL-FUG	RAILCAR RACK FUGITIVES	38754, PSDTX324M14
RAILRACK1	RAILCAR RACK	38754, PSDTX324M14
SCOTFUG	SCOT UNIT FUGITIVES	38754, PSDTX324M14
SHIPDOCKS	SHIPDOCKS	38754, PSDTX324M14
SMR-CO2-VT	CO2 STRIPPER VENT	38754, 86443, PSDTX324M14
SMR-FUG	SMR	38754, PSDTX324M14, 106.261/11/01/2003
SP-1271	HDS TURNAROUND VACUUM JET	118/09/12/1989
SRU3FUG	SULFUR TRAIN NO. 3 FUGITIVES	38754, PSDTX324M14
SRU3	SULFUR RECOVERY UNIT #3	38754, PSDTX324M14
SRU	SULFUR RECOVERY UNIT	38754, PSDTX324M14
SWS-FUG	SWS	38754, PSDTX324M14, 106.261/11/01/2003
TERMIN 2/2A	TERMINAL 2/2A FUGITIVES	38754, PSDTX324M14, 106.261/11/01/2003
TERMINAL 1	TERMINAL 1 FUGITIVES	38754, PSDTX324M14, 106.261/11/01/2003
TERMINAL 3	TERMINAL 3 FUGITIVES	38754, PSDTX324M14
TK-114	TANK NO. 114	38754, PSDTX324M14
TK-51	TANK NO. 51	38754, PSDTX324M14
TK76	TANK NO. 76	38754, PSDTX324M14

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
T-RACK	TRUCK RACK	38754, PSDTX324M14
TRUCKCOMB	TRUCK LOADING COMBUSTOR	38754, PSDTX324M14
VACUUMUNIT	VACUUM UNIT	38754, PSDTX324M14
VRU	VAPOR RECOVERY UNIT	38754, PSDTX324M14
WWTP-FUG	WWTP FUGITIVES	69/09/23/1982

Schedules

Compliance Schedule 399

Compliance Schedule

A. Compliance Schedule				
1. Specific Non-Compliance Situation				
Unit/Group/ Process ID. No(s).	SOP Index No.	Pollutant	Applicable Requirement	
			Citation	Text Description
30-B-02		NOX	116.116(b)(1) (B) & (C)	Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate.
2. Compliance Status Assessment Method and Records Location				
Compliance Status Assessment Method			Location of Records/Documentation	
Citation	Text Description			
116.116(b)(1)(B) & (C)	Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate.		Environmental Offices	
3. Non-compliance Situation Description				
The NOx emission limits (lbs/hour and tons/yr) for boiler, 30-B-02, were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit in December 2010.				
4. Corrective Action Plan Description				
Obtain proper authorization of the NOx emissions (lbs/hour and tons/yr) through an amendment application to the NSR permit.				
5. List of Activities/Milestones to Implement the Corrective Action Plan				
1	Submit an application to the TCEQ for authorization of the NOx emissions (lbs/hour and tons/yr) for the boiler, 30-B-02, through a permit amendment, or permit renewal to the NSR permit in the first quarter of 2012.			
2	Submit a revision to the FOP if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122.			
3	Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122.			
6. Previously Submitted Compliance Plan(s)		Type of Action	Date Submitted	
		N/A		
7. Progress Report Submission Schedule		Semi-annually beginning at permit renewal issuance.		

Compliance Schedule

A. Compliance Schedule				
1. Specific Non-Compliance Situation				
Unit/Group/ Process ID. No(s).	SOP Index No.	Pollutant	Applicable Requirement	
			Citation	Text Description
30-B-02		NOX	116.116(b)(1) (B) & (C)	Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate.
2. Compliance Status Assessment Method and Records Location				
Compliance Status Assessment Method			Location of Records/Documentation	
Citation	Text Description			
116.116(b)(1)(B) & (C)	Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate.		Environmental Offices	
3. Non-compliance Situation Description				
The NOx emissions limit (lbs NOx/MMBtu) for boiler, 30-B-02, was incorrectly incorporated into the NSR Air Permit limit in June 2010 as 0.08 where it should be 0.10 lbs NOx/MMBtu.				
4. Corrective Action Plan Description				
Obtain proper authorization of the NOx emissions (lbs NOx/MMBtu) through an amendment to the NSR permit.				
5. List of Activities/Milestones to Implement the Corrective Action Plan				
1	Submit an application to the TCEQ for authorization of the NOx emissions (lbs NOx/MMBtu) for the boiler, 30-B-02, through a permit amendment, or permit renewal to the NSR permit in the first quarter of 2012.			
2	Submit a revision to the FOP if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122.			
3	Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122.			
6. Previously Submitted Compliance Plan(s)		Type of Action	Date Submitted	
		N/A		
7. Progress Report Submission Schedule		Semi-annually beginning at permit renewal issuance.		

Compliance Schedule

A. Compliance Schedule				
1. Specific Non-Compliance Situation				
Unit/Group/ Process ID. No(s).	SOP Index No.	Pollutant	Applicable Requirement	
			Citation	Text Description
47-H-01, 47-H-02, 47-H-03, 47-H-04		NOX	116.116(b)(1)(B) & (C)	Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate.
2. Compliance Status Assessment Method and Records Location				
Compliance Status Assessment Method			Location of Records/Documentation	
Citation	Text Description			
116.116(b)(1)(B) & (C)	Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate.		Environmental Offices	
3. Non-compliance Situation Description				
The NOx emissions limits (lbs/hour and tons/yr) for heaters, 47-H-01, 47-H-02, 47-H-03, 47-H-04, were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit in December 2010.				
4. Corrective Action Plan Description				
Obtain proper authorization of the NOx emissions (lbs/hour and tons/yr) through an amendment application to the NSR permit.				
5. List of Activities/Milestones to Implement the Corrective Action Plan				
1	Submit an application to the TCEQ for authorization of the NOx emissions (lbs/hour and tons/yr) for the heaters, 47-H-01, 47-H-02, 47-H-03, 47-H-04, though a permit amendment, or permit renewal to the NSR permit in the first quarter of 2012.			
2	Submit a revision to the FOP if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122.			
3	Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122.			
6. Previously Submitted Compliance Plan(s)		Type of Action	Date Submitted	
		N/A		
7. Progress Report Submission Schedule		Semi-annually beginning at permit renewal issuance.		

Compliance Schedule

A. Compliance Schedule				
1. Specific Non-Compliance Situation				
Unit/Group/ Process ID. No(s).	SOP Index No.	Pollutant	Applicable Requirement	
			Citation	Text Description
47-H-01, 47-H-02, 47-H-03, 47-H-04		NOX	116.116(b)(1)(B) & (C)	Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate.
2. Compliance Status Assessment Method and Records Location				
Compliance Status Assessment Method			Location of Records/Documentation	
Citation	Text Description			
116.116(b)(1)(B) & (C)	Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate.		Environmental Offices	
3. Non-compliance Situation Description				
The NOx emissions limits (lbs NOx/MMBtu) for heaters, 47-H-01, 47-H-02, 47-H-03, 47-H-04, were incorrectly incorporated into the NSR Air Permit limit in June 2010 as 0.06 where it should be 0.10 lbs NOx/MMBtu.				
4. Corrective Action Plan Description				
Obtain proper authorization of the NOx emissions (lbs NOx/MMBtu) through an amendment application to the NSR permit.				
5. List of Activities/Milestones to Implement the Corrective Action Plan				
1	Submit an application to the TCEQ for authorization of the NOx emissions (lbs NOx/MMBtu) for the heaters, 47-H-01, 47-H-02, 47-H-03, 47-H-04, though a permit amendment, or permit renewal to the NSR permit in the first quarter of 2012.			
2	Submit a revision to the FOP if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122.			
3	Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122.			
6. Previously Submitted Compliance Plan(s)		Type of Action	Date Submitted	
		N/A		
7. Progress Report Submission Schedule		Semi-annually beginning at permit renewal issuance.		

Compliance Schedule

A. Compliance Schedule				
1. Specific Non-Compliance Situation				
Unit/Group/ Process ID. No(s).	SOP Index No.	Pollutant	Applicable Requirement	
			Citation	Text Description
		VOC	60.692-2(a)(1), (b)(1), (b)(2)	Drains shall be equipped with water seal controls. Junction boxes shall be equipped with cover & may have an open vent pipe at least 90 cm in length & not exceed 10.2 cm in diameter. Junction box covers shall have a tight seal around edge all times.
2. Compliance Status Assessment Method and Records Location				
Compliance Status Assessment Method			Location of Records/Documentation	
Citation	Text Description			
60.692-2(a)(1), (b)(1), (b)(2)	Drains shall be equipped with water seal controls. Junction boxes shall be equipped with cover & may have an open vent pipe at least 90 cm in length & not exceed 10.2 cm in diameter. Junction box covers shall have a tight seal around edge all times.		Environmental Offices	
3. Non-compliance Situation Description				
A new oily water junction box (neutralization sump) at the Alkylation Unit that connects to the oily water sewer system was not covered and the pump drains connected to the junction box did not have water seals as required.				
4. Corrective Action Plan Description				
Cover the junction box and install water seals on the 26 pump drains at the Alkylation Unit as required per 40 CFR 60 Subpart QQQ.				
5. List of Activities/Milestones to Implement the Corrective Action Plan				
1	Cover the junction box and install water seals on the 26 pump drains at the Alkylation Unit as required by the fourth quarter of 2013.			
2	Continue to submit deviation reports pursuant to 30 TAC Chapter 122 until junction box and pump drain water seals are in compliance.			
6. Previously Submitted Compliance Plan(s)		Type of Action	Date Submitted	
		N/A		
7. Progress Report Submission Schedule		Semi-annually beginning at permit renewal issuance.		

Compliance Schedule

A. Compliance Schedule				
1. Specific Non-Compliance Situation				
Unit/Group/ Process ID. No(s).	SOP Index No.	Pollutant	Applicable Requirement	
			Citation	Text Description
APISEP		NOX	116.116(b)(1) (B) & (C)	Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate.
2. Compliance Status Assessment Method and Records Location				
Compliance Status Assessment Method			Location of Records/Documentation	
Citation	Text Description			
116.116(b)(1)(B) & (C)	Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate.		Environmental Offices	
3. Non-compliance Situation Description				
The NOx emissions limits (lbs/hour and tons/yr) for the API Vapor Combustor, APISEP, were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit.				
4. Corrective Action Plan Description				
Obtain proper authorization of the NOx emissions (lbs/hour and tons/yr) through an amendment application to the NSR permit.				
5. List of Activities/Milestones to Implement the Corrective Action Plan				
1	Submit an application to the TCEQ for authorization of the NOx emissions (lbs/hour and tons/yr) for the API Vapor Combustor, APISEP, through a permit amendment, or permit renewal to the NSR permit in the first quarter of 2012.			
2	Submit a revision to the FOP if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122.			
3	Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122.			
6. Previously Submitted Compliance Plan(s)		Type of Action	Date Submitted	
		N/A		
7. Progress Report Submission Schedule		Semi-annually beginning at permit renewal issuance.		

Compliance Schedule

A. Compliance Schedule				
1. Specific Non-Compliance Situation				
Unit/Group/ Process ID. No(s).	SOP Index No.	Pollutant	Applicable Requirement	
			Citation	Text Description
		VOC	116.116(b)(1) (B) & (C)	Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate.
2. Compliance Status Assessment Method and Records Location				
Compliance Status Assessment Method			Location of Records/Documentation	
Citation	Text Description			
116.116(b)(1)(B) & (C)	Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate.		Environmental Offices	
3. Non-compliance Situation Description				
VOC emissions (lbs/hour and tons/yr) from carbon adsorption canisters installed on the Oily Water Separator (OWS) junction boxes, and one liquid scrubber installed on the Crude Unit OWS, were not previously identified in the NSR 30 TAC 116 Subchapter B Permit #38754 and thus need to be incorporated into the NSR permit.				
4. Corrective Action Plan Description				
Obtain proper authorization of the emissions (lbs/hour and tons/yr) from carbon adsorption canisters installed on the Oily Water Separator (OWS) junction boxes, and one liquid scrubber installed on the Crude Unit OWS through an amendment application to the NSR permit.				
5. List of Activities/Milestones to Implement the Corrective Action Plan				
1	Submit an application to the TCEQ for authorization of emissions (lbs/hour and tons/yr) from carbon adsorption canisters installed on the Oily Water Separator (OWS) junction boxes, and one liquid scrubber installed on the Crude Unit OWS through a permit amendment, or permit renewal to the NSR permit in the first quarter of 2012.			
2	Submit a revision to the FOP if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122.			
3	Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122.			
6. Previously Submitted Compliance Plan(s)		Type of Action	Date Submitted	
		N/A		
7. Progress Report Submission Schedule		Semi-annually beginning at permit renewal issuance.		

Compliance Schedule

A. Compliance Schedule				
1. Specific Non-Compliance Situation				
Unit/Group/ Process ID. No(s).	SOP Index No.	Pollutant	Applicable Requirement	
			Citation	Text Description
11F-HDS, 11F-HOC, 30Bo1F, 30Bo2F, 30Bo3F, 41F, 46F/24F, 4F, 54F, ALKY-FUG, AMINE-FUG, ATU3FUG, BUTAMER, CRUDE UNIT, CRU-FUG, HCU-FUG, HDS FUG, HOC-FUG, HRLEU-FUG, LPG STORAG, LRU, MTBE-FUG, MVRUF, NHT-FUG, OLEFLEX-FU, PIPING FUG, DEGREASE-F, DOCKS-F, GAS BLEND, GDFUG, SCOTFUG, SMR-FUG, SRU3FUG, SWS-FUG, TERMIN 2/2A, TERMINAL 1, TERMINAL 3, VACUUMUNIT, WWTP-FUG		H2S, VOC	116.116(b)(1) (B) & (C)	Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate.
2. Compliance Status Assessment Method and Records Location				
Compliance Status Assessment Method			Location of Records/Documentation	
Citation	Text Description			
116.116(b)(1)(B) & (C)	Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate.		Environmental Offices	
3. Non-compliance Situation Description				

The updated component counts for all aforementioned Unit ID Numbers listed caused increases in the VOC emissions limits (lbs/hour and tons/yr) greater than the Prevention of Significant Deterioration (PSD) thresholds and thus need to be incorporated into the NSR 30 TAC 116 Subchapter B Permit #38754. Also the fugitive sources with Unit ID. Numbers listed (EPNs in the NSR Permit) do not include H₂S as an emission (lbs/hour and tons/yr) in the NSR 30 TAC 116 Subchapter B Permit #38754 and thus need to be incorporated into the NSR permit.

4. Corrective Action Plan Description

Obtain proper authorization of the H₂S & VOC fugitive emissions (lbs/hour and tons/yr) through an amendment application to the NSR permit. Also obtain proper authorization of the VOC emissions (lbs/hour and tons/yr) due to the component count increases through an amendment application to the NSR permit. Finally, three new fugitive EPNs are also being added: 42F (Sour Water Stripper), 54F (Selective Hydrogenation Unit - this replaces both 54F-MTBE & 54F-TAME), and 201 (Railcar Unloading) not previously identified in the NSR permit need to be incorporated into the NSR permit.

5. List of Activities/Milestones to Implement the Corrective Action Plan

1	Submit an application to the TCEQ for authorization of the VOC emissions (lbs/hour and tons/yr) due to the component count increases at the West Plant through a permit amendment, or permit renewal to the NSR permit in the first quarter of 2012.
2	Submit a revision to the FOP if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122.
3	Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122

6. Previously Submitted Compliance Plan(s)	Type of Action	Date Submitted
	N/A	
7. Progress Report Submission Schedule	Semi-annually beginning at permit renewal issuance.	

Compliance Schedule

A. Compliance Schedule				
1. Specific Non-Compliance Situation				
Unit/Group/ Process ID. No(s).	SOP Index No.	Pollutant	Applicable Requirement	
			Citation	Text Description
ALKY-CT, BUP-CT, CRUDE-CT, HOC-CT, GRP-CT		PM	116.116(b)(1) (B) & (C)	Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate.
2. Compliance Status Assessment Method and Records Location				
Compliance Status Assessment Method			Location of Records/Documentation	
Citation	Text Description			
116.116(b)(1)(B) & (C)	Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate.		Environmental Offices	
3. Non-compliance Situation Description				
All cooling tower existing particulate matter (PM) emissions (lbs/hour and tons/yr) were not previously identified in the NSR 30 TAC 116 Subchapter B Permit #38754 and thus need to have NSR authorization.				
4. Corrective Action Plan Description				
Obtain proper NSR authorization of the cooling tower existing PM emissions (lbs/hour and tons/yr).				
5. List of Activities/Milestones to Implement the Corrective Action Plan				
1	Submit an application to the TCEQ for NSR authorization of the cooling tower existing PM emissions (lbs/hour and tons/yr) in the first quarter of 2012.			
2	Submit a revision to the FOP if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122.			
3	Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122.			
6. Previously Submitted Compliance Plan(s)		Type of Action	Date Submitted	
		N/A		
7. Progress Report Submission Schedule		Semi-annually beginning at permit renewal issuance.		

Compliance Schedule

A. Compliance Schedule				
1. Specific Non-Compliance Situation				
Unit/Group/ Process ID. No(s).	SOP Index No.	Pollutant	Applicable Requirement	
			Citation	Text Description
83P136A-EN, 83P136B-EN		VOC, NOX, CO	60.4205(b) & 60.4202(a)(2)	Owners & operators of 2007 model year & later emergency stationary CI ICE with a displacement of less than 30 liters per cylinder that are not fire pump engines must comply with the emission standards for new nonroad CI engine in §60.4202, for all pollutants, for the same model year & maximum engine power for their 2007 model year & later emergency stationary CI ICE. Stationary CI ICE manufacturers must certify their 2007 model year & later emergency stationary CI ICE with a maximum engine power less than or equal to 2,237 KW (3,000 HP) & a displacement of less than 10 liters per cylinder that are not fire pump engines to the emission standards specified in paragraphs (a)(1) through (2) of this section. (2) For engines with a maximum engine power greater than or equal to 37 KW (50 HP), the certification emission standards for new nonroad CI engines for the same model year & maximum engine power in 40 CFR 89.112 and 40 CFR 89.113 for all pollutants beginning in model year 2007.
2. Compliance Status Assessment Method and Records Location				
Compliance Status Assessment Method				Location of Records/Documentation
Citation	Text Description			

60.4205(b) & 60.4202(a)(2)	Owners & operators of 2007 model year & later emergency stationary CI ICE with a displacement of less than 30 liters per cylinder that are not fire pump engines must comply with the emission standards for new nonroad CI engine in §60.4202, for all pollutants, for the same model year & maximum engine power for their 2007 model year & later emergency stationary CI ICE. Stationary CI ICE manufacturers must certify their 2007 model year & later emergency stationary CI ICE with a maximum engine power less than or equal to 2,237 KW (3,000 HP) & a displacement of less than 10 liters per cylinder that are not fire pump engines to the emission standards specified in paragraphs (a)(1) through (2) of this section. (2) For engines with a maximum engine power greater than or equal to 37 KW (50 HP), the certification emission standards for new nonroad CI engines for the same model year & maximum engine power in 40 CFR 89.112 and 40 CFR 89.113 for all pollutants beginning in model year 2007.	Environmental Offices
3. Non-compliance Situation Description		
Two diesel engines used as drivers for two emergency storm water pumps were manufactured as fire water pumps and do not meet the requirements of NSPS IIII.		
4. Corrective Action Plan Description		
Resolve 40 CFR 60 Subpart IIII compliance issues with two diesel engine drivers for two emergency storm water pumps.		
5. List of Activities/Milestones to Implement the Corrective Action Plan		
1	Resolve 40 CFR 60 Subpart IIII compliance issues with two diesel engine drivers for two emergency storm water pumps by the fourth quarter of 2015.	
2	Continue to submit deviation reports pursuant to 30 TAC Chapter 122 until compliance issues are resolved.	
6. Previously Submitted Compliance Plan(s)		Type of Action
		Date Submitted
		N/A
7. Progress Report Submission Schedule		Semi-annually beginning at permit renewal issuance.

Compliance Schedule

A. Compliance Schedule				
1. Specific Non-Compliance Situation				
Unit/Group/ Process ID. No(s).	SOP Index No.	Pollutant	Applicable Requirement	
			Citation	Text Description
GF-1, MFL-1, MTBE FL-2		VOC, PM, SO ₂ , CO, NOX	116.116(b)(1) (B) & (C)	Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate.
2. Compliance Status Assessment Method and Records Location				
Compliance Status Assessment Method			Location of Records/Documentation	
Citation	Text Description			
116.116(b)(1)(B) & (C)	Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate.		Environmental Offices	
3. Non-compliance Situation Description				
The additional process flare emissions (lbs/hour and tons/yr) were not previously identified in the NSR 30 TAC 116 Subchapter B Permit #38754 and thus need to be incorporated into the NSR permit.				
4. Corrective Action Plan Description				
Obtain proper authorization of the additional process flare emissions (lbs/hour and tons/yr) through an amendment application to the NSR permit.				
5. List of Activities/Milestones to Implement the Corrective Action Plan				
1	Submit an application to the TCEQ for authorization of the additional flare emissions (lbs/hour and tons/yr) through a permit amendment, or permit renewal to the NSR permit in the first quarter of 2014.			
2	Submit a revision to the FOP if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122.			
3	Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122.			
6. Previously Submitted Compliance Plan(s)		Type of Action	Date Submitted	
		N/A		
7. Progress Report Submission Schedule		Semi-annually beginning at permit renewal issuance.		

Compliance Schedule

A. Compliance Schedule				
1. Specific Non-Compliance Situation				
Unit/Group/ Process ID. No(s).	SOP Index No.	Pollutant	Applicable Requirement	
			Citation	Text Description
01-H-01, 01-H-02, 01-H-03, 02-H-01, 02-H-02, 11-H-01, 12-H01A, 12-H01B, 12-H02, 13-H-01A, 13-H-01B, 13-H- 01C, 31-H-01, 38-H- 01, 38-H-02, 38-H- 03, 47-H-01, 47-H- 02, 47-H-03, 47-H- 04, 48-H-01, 49-H- 01, 49-H-02, 49-H- 03, 49-H-04, 49-H- 71, 49-H-90, 49-H- 91, 52-H-01, 30-B- 02, 30-B-03, 30-B- 04		NH ₃	116.116(b)(1) (B) & (C)	Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate
2. Compliance Status Assessment Method and Records Location				
Compliance Status Assessment Method			Location of Records/Documentation	
Citation	Text Description			
116.116(b)(1)(B) & (C)	Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate		Environmental Offices	
3. Non-compliance Situation Description				
All heater and boiler existing ammonia (NH ₃) emissions (lbs/hour and tons/yr) were not previously identified in the NSR 30 TAC 116 Subchapter B Permit #38754 and thus need to be incorporated into the NSR permit.				
4. Corrective Action Plan Description				
Obtain proper authorization of the heater and boiler existing ammonia (NH ₃) emissions (lbs/hour and tons/yr) through an amendment application to the NSR permit.				
5. List of Activities/Milestones to Implement the Corrective Action Plan				
1	Submit an application to the TCEQ for authorization of the heater and boiler existing ammonia (NH ₃) emissions (lbs/hour and tons/yr) through a permit amendment, or permit renewal to the NSR permit in the first quarter of 2012.			

2	Submit a revision to the FOP if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122.	
3	Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122.	
6. Previously Submitted Compliance Plan(s)	Type of Action	Date Submitted
	N/A	
7. Progress Report Submission Schedule	Semi-annually beginning at permit renewal issuance	

Compliance Schedule

A. Compliance Schedule				
1. Specific Non-Compliance Situation				
Unit/Group/ Process ID. No(s).	SOP Index No.	Pollutant	Applicable Requirement	
			Citation	Text Description
2202-L & 2203-L, SRU3, SRU		HAPS VOC PM SO ₂ CO NOX	116.116(b)(1) (B) & (C)	Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate.
2. Compliance Status Assessment Method and Records Location				
Compliance Status Assessment Method			Location of Records/Documentation	
Citation	Text Description			
116.116(b)(1)(B) & (C)	Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate.		Environmental Offices	
3. Non-compliance Situation Description				
Additional emissions from the SCOT (SRU3) incinerator (lbs/hour and tons/yr) and backup Sulften incinerator (SRU) due to routing a vent stream from the HOC LPG Oxidizer (2202-L & 2203-L) were not previously identified in the NSR 30 TAC 116 Subchapter B Permit #38754 and thus need to be incorporated into the NSR permit.				
4. Corrective Action Plan Description				
Obtain proper authorization of additional emissions from the SCOT (SRU3) incinerator (lbs/hour and tons/yr) and backup Sulften incinerator (SRU) through an amendment application to the NSR permit.				
5. List of Activities/Milestones to Implement the Corrective Action Plan				
1	Submit an application to the TCEQ for authorization of additional emissions from the SCOT (SRU3) incinerator (lbs/hour and tons/yr) and backup Sulften incinerator (SRU) through an amendment application, or permit renewal to the NSR permit in the first quarter of 2012.			
2	Submit a revision to the FOP if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122.			
3	Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122.			
6. Previously Submitted Compliance Plan(s)		Type of Action	Date Submitted	
		N/A		
7. Progress Report Submission Schedule		Semi-annually beginning at permit renewal issuance.		

Compliance Schedule

A. Compliance Schedule				
1. Specific Non-Compliance Situation				
Unit/Group/ Process ID. No(s).	SOP Index No.	Pollutant	Applicable Requirement	
			Citation	Text Description
		VOC	60.692-2(b)(1) & (2)	Junction boxes shall be equipped with a cover & may have an open vent pipe at least 90 cm in length & not exceed 10.2 cm in diameter. Junction box covers shall have a tight seal around the edge be kept in place at all times.
2. Compliance Status Assessment Method and Records Location				
Compliance Status Assessment Method			Location of Records/Documentation	
Citation	Text Description			
60.692-2(b)(1) & (2)	Junction boxes shall be equipped with a cover & may have an open vent pipe at least 90 cm in length & not exceed 10.2 cm in diameter. Junction box covers shall have a tight seal around the edge be kept in place at all times.		Environmental Offices	
3. Non-compliance Situation Description				
An oily water junction box (overflow sump) near the West Plant Truck Rack that is connected to the oily water sewer system was not covered as required.				
4. Corrective Action Plan Description				
Eliminate uncontrolled junction box (overflow sump) near the West Plant Truck Rack as required per 40 CFR 60 Subpart QQQ.				
5. List of Activities/Milestones to Implement the Corrective Action Plan				
1	Eliminate uncontrolled junction box (overflow sump) near the West Plant Truck Rack as required by the fourth quarter of 2013.			
2	Continue to submit deviation reports pursuant to 30 TAC Chapter 122 until compliance is achieved with the elimination of the uncontrolled junction box.			
6. Previously Submitted Compliance Plan(s)		Type of Action	Date Submitted	
		N/A		
7. Progress Report Submission Schedule		Semi-annually beginning at permit renewal issuance.		

Compliance Schedule

A. Compliance Schedule				
1. Specific Non-Compliance Situation				
Unit/Group/ Process ID. No(s).	SOP Index No.	Pollutant	Applicable Requirement	
			Citation	Text Description
T-RACK			116.116(b)(1) (B) & (C)	Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate.
2. Compliance Status Assessment Method and Records Location				
Compliance Status Assessment Method			Location of Records/Documentation	
Citation	Text Description			
116.116(b)(1)(B) & (C)	Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate.		Environmental Offices	
3. Non-compliance Situation Description				
A throughput increase at the truck loading rack (T-RACK) was not previously identified in the NSR 30 TAC 116 Subchapter B Permit #38754 and thus needs to be incorporated into the NSR permit special conditions.				
4. Corrective Action Plan Description				
Obtain proper authorization for a throughput increase at the truck loading rack (T-RACK) through an amendment application to the NSR permit.				
5. List of Activities/Milestones to Implement the Corrective Action Plan				
1	Submit an application to the TCEQ for authorization for a throughput increase at the truck loading rack (T-RACK) through a permit amendment, or permit renewal to the NSR permit in the first quarter of 2012.			
2	Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122.			
6. Previously Submitted Compliance Plan(s)		Type of Action	Date Submitted	
		N/A		
7. Progress Report Submission Schedule		Semi-annually beginning at permit renewal issuance.		

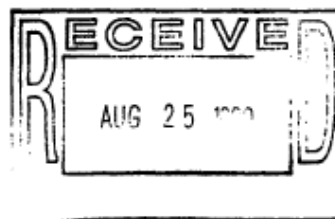
Alternative Requirement

Alternative Requirement 418



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

AUG 19 1999



Mr. Kirk A. Saffell
Manager, Environmental Engineering
Valero Refining Company - Texas
P.O. Box 9370
Corpus Christi, TX 78469-9370

Re: Approval of Alternative Monitoring for NSPS Subpart J
Valero Refining Company - Texas
Corpus Christi Refinery
TNRCC Account No. NE-0112-G

Dear Mr. Saffell:

By letter dated February 5, 1999, Valero Refining Company - Texas (Valero) requested approval of alternative monitoring to a continuous opacity monitoring system (COMS), which is required by a New Source Performance Standard (NSPS) under Title 40, Code of Federal Regulations (CFR) Part 60, at its petroleum refinery in Corpus Christi, Texas. Valero's petroleum refinery contains a fluid catalytic cracking unit (FCCU) which is subject to NSPS Subpart J - *Standards of Performance for Petroleum Refineries*. A COMS on the FCCU (EPN 121) is required by § 60.105(a)(1) of NSPS Subpart J. The FCCU is equipped with a high efficiency Belco Technologies Corporation (Belco) flue gas scrubber. Moisture in the exhaust of the Belco scrubber would interfere with the operation of a COMS. Therefore, Valero requested that the following alternate monitoring program be approved as recommended to Valero by Belco.

1. Monitor the pressure of the water to the filtering modules and maintain a pressure of at least 45 psig at all times.
2. Monitor the flue gas pressure drop across the filtering modules/cyclolabs and maintain a drop of at least 5" H₂O.

In a letter dated November 12, 1993, by which Valero submitted additional information and comments on draft provisions to Permit No. 8373 and PSD-TX-324M-6 to the Texas Natural Resource Conservation Commission (TNRCC), Valero proposed alternative monitoring to the COMS required by NSPS Subpart J. The TNRCC included the following approval of the alternative monitoring as Special Provision 15 when it revised Permit No. 8373 and PSD-TX-324M-6 on December 13, 1993.

In order to control opacity from the stack of EPN 121, the permittee shall maintain the liquid to the filtering modules at a pressure greater than 45 pounds per square inch and the flue gas pressure drop across the filtering modules and the cyclolabs at no less than five inches of water. Liquid pressure and pressure drop shall be continuously recorded and maintained at the plant site for a period of two years. These records shall be made available for inspection by the Executive Director of the TNRCC or his designated representative.

Special Provision 15 of Permit No. 8373 and PSD-TX-324M-6 became Special Condition 31 of Permit No. 8373 and PSD-TX-324M7, which was issued on May 29, 1997, and remained Special Condition 31 of Permit No. 8373 and PSD-TX-324M8, which was issued on January 27, 1998. Valero has not received approval of this alternative monitoring program from EPA. The authority to approve alternative monitoring under 40 CFR 60.13(i) has been delegated to the EPA Region 6, but has not been delegated to the TNRCC.

Pursuant to 40 CFR 60.13(i), we are approving the following alternative monitoring to the COMS which is required under § 60.105(a)(1) of NSPS Subpart J for the HOC FCCU (EPN 121) at Valero's petroleum refinery in Corpus Christi, Texas.

1. Valero shall continuously monitor and record the pressure of the water to the filtering modules of the Belco scrubber and the flue gas pressure drop across the filtering modules/cyclolabs of the Belco scrubber.
2. Valero shall maintain records of the water pressure and flue gas pressure drop at the plant site for at least two years.
3. Valero shall monitor and record the pressure of the water to the filtering modules of the Belco scrubber and the flue gas pressure drop across the filtering modules/cyclolabs of the Belco scrubber during all performance tests for particulate matter of the Belco scrubber. The arithmetic averages of the three runs shall be used as the baseline average values for the purposes of defining excess emissions. The arithmetic averages of the water pressure and flue gas pressure drop which were determined during a performance test for particulate matter which was conducted prior to the date of approval of this alternative monitoring may be used as the baseline average values for the purposes of defining excess emissions.
4. Valero shall submit reports of excess emissions semiannually to the Texas Natural Resource Conservation Commission. All reports shall be postmarked by the 30th day following the end of each calendar half. Excess emissions are defined as follows.
 - a. Any 6-minute period when the average pressure of the water to the filtering modules of the Belco scrubber is less than 80 percent of the average value recorded during the most recent performance test that demonstrated compliance with the particulate matter standard in § 60.102(a)(1) of NSPS Subpart J.

- b. Any 6-minute period when the flue gas pressure drop across the filtering modules/cyclolabs of the Belco scrubber is less than 80 percent of the average value recorded during the most recent performance test that demonstrated compliance with the particulate matter standard in § 60.102(a)(1) of NSPS Subpart J.

By letter dated July 13, 1999, we notified the TNRCC of our intention to approve this alternative monitoring. The TNRCC did not have any objections to our approving this alternative monitoring, nor any proposed conditions to this alternative monitoring. In our letter to the TNRCC, we proposed that excess emissions be defined as any 6-minute period when the parameter in provision 4.a or 4.b is less than 90 percent of the average value recorded during the most recent performance test for particulate matter. We sent Valero a copy of our letter of July 13, 1999, to the TNRCC. Valero requested that the 90 percent level specified in provisions 4.a and 4.b be changed to 80 percent. Eighty percent will allow Valero sufficient operating flexibility while still ensuring compliance with the standards for opacity and particulate matter in NSPS Subpart J. A limit of 80 percent is more restrictive than the alternative monitoring requirements for NSPS Subpart LL - *Standards of Performance for Metallic Mineral Processing Plants*, NSPS Subpart OOO - *Standards of Performance for Nonmetallic Mineral Processing Plants*, and NSPS Subpart PPP - *Standards of Performance for Wool fiberglass Insulation Manufacturing Plants*. In all of these subparts, excess emissions are defined as periods when the alternative monitoring parameters for a wet gas scrubber are less than 70 percent of the value recorded during the performance test. Valero submitted information from a recent stack test that was conducted on the Belco scrubber on April 13, 1999, by letter dated May 12, 1999, and a fax on May 25, 1999. The average emission rate of particulate matter was 25 percent of the standard of 1.0 lb/1000 lb of coke burnoff in § 60.102(a)(1) of NSPS Subpart J. The testing information is summarized in the following table.

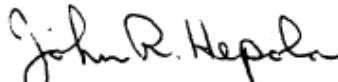
	<i>Run #1</i>	<i>Run #2</i>	<i>Run #3</i>	<i>Average</i>
Particulate Matter (lb/1000 lb coke burnoff)	0.33	0.22	0.19	0.25
Average Filter Differential Pressure (in. of H ₂ O)	9.87	9.63	9.85	9.78
Average Discharge Pressure (psig)	80.8	81.3	81.4	81.2
Minimum 6-min Average Filter Differential Pressure (in. of H ₂ O)	9.80	9.47	9.80	
Minimum 6-min Average Discharge Pressure (psig)	80.7	81.1	81.1	

Eighty percent of the arithmetic averages of the three runs of the water pressure and flue gas pressure drop are more stringent requirements than the minimum pressures for these parameters

of 45 pounds per square inch and five inches of water, respectively, established by the TNRCC in the air permit.

If you have any questions concerning this matter, please contact Mr. George V. Marusak, of my staff, at (214) 665-8366.

Sincerely yours,

A handwritten signature in dark ink, appearing to read "John R. Hepola". The signature is fluid and cursive, with the first name "John" being the most prominent.

John R. Hepola

Chief

Air/Toxics and Inspection
Coordination Branch

cc: Jeffrey P. Greif, TNRCC
David Bower, TNRCC
Jim Bowman, TNRCC Region 14 - Corpus Christi



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS TX 75202-2733

DEC 03 2010



CERTIFIED MAIL RETURN REQUEST 7007 1490 0004 0582 0430

Sam D. Sanders
Senior Environmental Engineer
VALERO REFINING-TEXAS, L.P.
Corpus Christi Manufacturing Facility
P.O. Box 9370
Corpus Christi, Texas 78469-9370

Re: Alternative Monitoring Plans (AMPs) – Valero Refining – Texas, L.P. (Valero)
West Plant, Corpus Christi, Nueces County, Account Number: NE-0112-G,
Regulated Entity Number: RN100214386; Monitoring plan for West Plant NHT
Feed Surge Drum, 48-V-01, vent stream to the fuel gas line that is combusted at
the NHT Charge Heater, 48-H-01, dated November 20, 2007

Dear Mr. Sanders:

This letter is in response to your AMP request, dated November 20, 2007, as referenced above for your Corpus Christi West Plant. Your request involves control of a vent stream from the NHT Feed Surge Drum, 48-V-01 that is combusted at the NHT Charge Heater, 48-H-01. Based on the description of your process vent stream, the particular design of the vent gas controls, and H₂S monitoring data, the Environmental Protection Agency is approving your AMP.

According to the diagrams provided in your AMP, there are no crossover points or points where sour gas can be introduced into the fuel gas to the NHT Charge Heater, 48-H-01. The sample point for the vent stream from the NHT Feed Surge Drum (48-V-01) is located in the fuel gas line from the Feed Surge Drum (48-V-01) to the NHT Charge Heater (48-H-01). H₂S testing of spent air is conducted using colorimetric tubes. Test results from a 14 day monitoring period indicate an average H₂S concentration of 9.536 ppmv.

Valero has proposed to use concentrations of Total Sulfur in the Combined Feed and the temperature of the contents in the Feed Surge Drum (48-V-01) as a means of monitoring the vent stream that is combusted in the NHT Charge Heater, 48-H-01. Total Sulfur and the temperature of the Feed Surge Drum would be sampled and analyzed in conjunction with the Vent from 48-V-01 Feed Surge Drum H₂S monitoring schedule. Process parameter limits should not exceed 213 ppm maximum of Total Sulfur in the Combined Feed and a temperature in the Feed Surge Drum (48-V-01) of 165 degrees F.

Valero would follow the seven step process outlined in Appendix D (Alternative Monitoring Plan for NSPS Subpart J Refinery Fuel Gas) of the Valero consent decree (Civil Action No. SA-05-CA-0569) relative to monitoring the NHT Feed Surge Drum, 48-V-01, vent stream.

If you have any questions or concerns regarding this AMP approval, please do not hesitate to contact either Ms. Cynthia Kaleri of my staff at (214) 665-6772, or Mr. Garry Mokry of my staff at (214) 665-7429.

Sincerely yours,


for David F. Garcia
Associate Director
Air/Toxics & Inspection
Coordination Branch

Cc: Robert Lucas (OAQPS)
Maria Malave (OECA)
David Turner (TCEQ, Corpus Christi)
John Sadler (TCEQ, Austin)
Karen Kornell (Office of the Attorney General of the State of Texas)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS TX 75202-2733

NOV 30 2010



CERTIFIED MAIL RETURN REQUEST 7007 1490 0004 0582 0263

Sam D. Sanders,
Senior Environmental Engineer
VALERO REFINING-TEXAS, L.P.
Corpus Christi Manufacturing Facility
P.O. Box 9370
Corpus Christi, Texas 78469-9370

Re: Alternative Monitoring Plans (AMPs) – Valero Refining – Texas, L.P. (Valero)
West Plant, Corpus Christi, Nueces County, Account Number: NE-0112-G,
Regulated Entity Number: RN100214386; Monitoring plan for West Plant,
Hydrocracker Feed Surge Drum, 47-V-02, vent stream to the fuel gas line that is
Combusted at the Hydrocracker Heaters: 47-H-01, 47-H-02, 47-H-03, and
47-H-04, dated November 20, 2007.

Dear Mr. Sanders:

This letter is in response to your AMP request, dated November 20, 2007, as referenced above for your Corpus Christi West Plant. Your request involves control of a vent stream from the Hydrocracker Feed Surge Drum, 47-V-02 that is combusted at the Hydrocracker Heaters: 47-H-01, 47-H-02, 47-H-03, and 47-H-04. Based on the description of your process vent stream, the particular design of the vent gas controls, and H₂S monitoring data, the Environmental Protection Agency is approving your AMP.

According to the diagrams provided in your AMP, there are no crossover points or points where sour gas can be introduced into the fuel gas to the Hydrocracker Heaters 47-H-01, 47-H-02, 47-H-03, and 47-H-04. The sample point for the vent stream from the Hydrocracker Feed Surge Drum (47-V-02) is located at the fuel gas line from the Feed Surge Drum (47-V-02) to the fuel gas line to the Hydrocracker Heaters. H₂S testing of the vent stream was conducted using colorimetric tubes, and results from a 14 day monitoring period indicate an average H₂S concentration of 7.71 ppmv.

Valero has proposed to use concentrations of Total Sulfur in the Combined Feed and the temperature of the contents in the Feed Surge Drum (47-V-02) as a means of monitoring the vent stream that is combusted in the Hydrocracker Heaters. Total Sulfur and the temperature of the Feed Surge Drum would be sampled and analyzed in conjunction with the Vent from 47-V-02 Feed Surge Drum H₂S monitoring schedule. Process parameter limits should not exceed 1.50 wt % maximum of Total Sulfur in the Combined Feed and a temperature in the Feed Surge Drum (47-V-02) not to exceed 190 degrees F.

Valero would follow the seven step process outlined in Appendix D (Alternative Monitoring Plan for NSPS Subpart J Refinery Fuel Gas) of the Valero consent decree (Civil Action No. SA-05-CA-0569) relative to monitoring the Hydrocracker Feed Surge Drum, 48-V-01, vent stream.

If you have any questions or concerns regarding this AMP approval, please do not hesitate to contact either Ms. Cynthia Kaleri of my staff at (214) 665-6772, or Mr. Garry Mokry of my staff at (214) 665-7429.

Sincerely yours,



David F. Garza
Associate Director
Air/Toxics & Inspection
Coordination Branch

Cc: Robert Lucas (OAQPS)
Maria Malave (OECA)
David Turner (TCEQ, Corpus Christi)
John Sadler (TCEQ, Austin)
Karen Kornell (Office of the Attorney General of the State of Texas)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

OCT 04 2011



Mr. Sam Sanders
Senior Environmental Engineer
Valero Refining – Texas L.P.
Corpus Christi East Plant
Post Office Box 9370
Corpus Christi, Texas 78469-9370

**RE: New Source Performance Standards (NSPS) 40 CFR 60 Subpart J
Alternative Monitoring Plan (AMP)
Sulfur Loading and Storage Vent Streams
Routed to Tail Gas Incinerator (TGI)
CD No SA-05-CA-0569**

Dear Mr. Sanders:

This letter is in response to your AMP dated November 20, 2007, with additional information from April 30, 2011, and August 24, 2011, concerning sulfur vapor vents from the following:

1. East Plant Sulfur Truck (Unit 141 and SULF-TLDG) and Railcar loading (Unit 141 and SULF-RCLD);
2. East Plant Sulfur Storage Tank (195-TK-038), routed to SRU No. 2 TGI (Unit 195);
3. East Plant Sulfur Drain Header (195-V-037), routed to SRU No. 1 TGI (Unit 195);
4. East Plant Sulfur Drain Header (141-V-021), routed to SRU No. 1 TGI (Unit 141);
5. West Plant Sulfur Truck Loading vent gas stream (Unit 41 and Vent Stream WPSULF-TLD) routed to the Claus Tail Gas Burner (41H07) TGI or alternately to the Claus Tail Gas Burner (41H34) TGI.

In addition to the review of all material submitted by Valero, EPA also evaluated saturated steam tables and partial vapor pressure of sulfur at various temperatures. From the available materials it has been determined that saturated steam at 50 pounds per square inch gauge (psig) pressure, which keeps the sulfur molten for storage and transfer operations at approximately 139°C, does not generate sufficient partial vapor pressure to exceed 250 ppm by volume of sulfur dioxide at 0% oxygen after vapor incineration. Under consideration of this information, EPA approves the alternative monitoring plan as stipulated above such that the temperature of the molten sulfur (139°C) shall not generate sufficient vapors to exceed 250 ppmv of sulfur dioxide at 0% oxygen in the combusted gas.

If you have any questions, please contact Mr. Charles Handrich at (214) 665-6553.

Sincerely,

A handwritten signature in cursive script, appearing to read "David F. Garcia".

David F. Garcia
Associate Director
Air/Toxics & Inspection
Coordination Branch

cc: Michael De La Cruz (Texas Commission on Environmental Quality)

Appendix A

Acronym List	429
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Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM	actual cubic feet per minute
AMOC.....	alternate means of control
ARP	Acid Rain Program
ASTM	American Society of Testing and Materials
B/PA.....	Beaumont/Port Arthur (nonattainment area)
CAM	Compliance Assurance Monitoring
CD	control device
COMS	continuous opacity monitoring system
CVS.....	closed-vent system
D/FW	Dallas/Fort Worth (nonattainment area)
DR	Designated Representative
ELP	El Paso (nonattainment area)
EP	emission point
EPA.....	U.S. Environmental Protection Agency
EU	emission unit
FCAA Amendments.....	Federal Clean Air Act Amendments
FOP	federal operating permit
GF.....	grandfathered
gr/100 scf	grains per 100 standard cubic feet
HAP	hazardous air pollutant
H/G/B	Houston/Galveston/Brazoria (nonattainment area)
H ₂ S	hydrogen sulfide
ID No.....	identification number
lb/hr	pound(s) per hour
MMBtu/hr	Million British thermal units per hour
MRRT	monitoring, recordkeeping, reporting, and testing
NA	nonattainment
N/A.....	not applicable
NADB	National Allowance Data Base
NO _x	nitrogen oxides
NSPS	New Source Performance Standard (40 CFR Part 60)
NSR	New Source Review
ORIS.....	Office of Regulatory Information Systems
Pb	lead
PBR	Permit By Rule
PM	particulate matter
ppmv	parts per million by volume
PSD.....	prevention of significant deterioration
RO	Responsible Official
SO ₂	sulfur dioxide
TCEQ.....	Texas Commission on Environmental Quality
TSP	total suspended particulate
TVP.....	true vapor pressure
U.S.C.	United States Code
VOC.....	volatile organic compound

Appendix B

Major NSR Summary Table.....	431
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Major NSR Summary Table

Permit Number: 38754 and PSDTX324M14			Issuance Date: 03/04/2014				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
Routine Emission Caps		CO	1856.46	2890.68	76	76, 80	
		H2S	6.79	21.79			
		H2SO4	49.00	214.63			
		NOx	909.90	1760.99			
		PM/PM2.5/PM10	188.53	747.93			
		SO2	521.66	1506.78			
		VOC	931.58	1344.13			
		Benzene	16.33	13.49			
MSS Caps		CO	3,005.00	54.35	53, 54, 55, 56, 57, 58, 59, 62, 63, 64, 70, 77, 78	52, 53, 54, 55, 56, 58, 59, 62, 63, 64, 66, 68, 70, 76, 77, 78, 80	77, 78
		H2S	6.59	0.22			
		NH3	4.41	0.17			
		NOx	560.30	11.24			
		PM/PM2.5/PM10	80.53	1.28			
		SO2	1,019.00	37.24			
		VOC	1,838.00	59.96			
		Exempt Solvents	1.76	0.60			
1	Heater - Crude Heater (01-H-01)	CO	8.10	20.13	18, 20, 41, 42, 62, 77	18, 20, 41, 42, 62, 76, 77, 80	41, 42, 77
		NH3	0.05	0.17			
		NOx	9.72	19.24			
		PM/PM2.5/PM10	1.21	4.00			
		SO2	2.50	5.71			
		VOC	0.87	2.90			
131	Heater - Crude Preflash (01-H-02)	CO	0.62	2.71	20, 62, 77	20, 62, 76, 77, 80	77
		NH3	<0.01	0.02			
		NOx	1.77	6.29			
		PM/PM2.5/PM10	0.13	0.49			
		SO2	0.27	0.64			
		VOC	0.10	0.35			
132	Heater - Crude Stabilizer (01-H-03)	CO	0.17	0.72	20, 62, 77	20, 62, 76, 77, 80	77

Major NSR Summary Table

Permit Number: 38754 and PSDTX324M14			Issuance Date: 03/04/2014				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
		NH ₃	<0.01	<0.01			
		NO _x	0.48	2.06			
		PM/PM _{2.5} /PM ₁₀	0.04	0.15			
		SO ₂	0.07	0.22			
		VOC	0.03	0.11			
74	Vacuum Heater	CO	4.99	16.77	18, 20, 41, 62, 77	18, 20, 41, 62, 76, 77, 80	41, 77
		NH ₃	0.03	0.14			
		NO _x	5.98	26.21			
		PM/PM _{2.5} /PM ₁₀	0.74	3.26			
		SO ₂	1.37	4.13			
		VOC	0.54	2.36			
114	Heater - Desalter Heater (11-H-01)	CO	5.00	17.26	18, 20, 41, 62, 77	18, 20, 41, 62, 76, 77, 80	41, 77
		NH ₃	0.03	0.11			
		NO _x	6.00	20.71			
		PM/PM _{2.5} /PM ₁₀	0.75	2.57			
		SO ₂	1.54	3.67			
		VOC	0.54	1.86			
115	HDS Heaters	CO	8.08	32.91	18, 20, 41, 42, 62, 77	18, 20, 41, 42, 62, 76, 77, 80	41, 42, 77
		NH ₃	0.05	0.22			
		NO _x	9.70	42.07			
		PM/PM _{2.5} /PM ₁₀	1.20	5.22			
		SO ₂	2.49	7.45			
		VOC	0.87	3.78			
116	Heater - HDS Pre-Heater (12-H-02)	CO	0.31	1.10	20, 62, 77	20, 62, 76, 77, 80	77
		NH ₃	<0.01	0.02			
		NO _x	2.36	8.28			
		PM/PM _{2.5} /PM ₁₀	0.15	0.51			
		SO ₂	0.30	0.73			
		VOC	0.11	0.37			

Major NSR Summary Table

Permit Number: 38754 and PSDTX324M14			Issuance Date: 03/04/2014				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
118	Hydrogen Reformer Heater	CO	58.51	220.73	18, 20, 41, 42, 62, 77	18, 20, 41, 42, 62, 76, 77, 80	41, 42, 77
		NH3	0.37	1.52			
		NOx	70.21	284.40			
		PM/PM2.5/PM10	8.72	35.80			
		SO2	44.53	122.64			
		VOC	9.95	25.91			
153	Heater - HR Boiler (30-B-02)(interim limit)(6)	CO	8.46	30.88	18, 20, 41, 42, 62, 77	18, 20, 41, 42, 62, 76, 77, 80	41, 42, 77
		NH3	0.09	0.33			
		NOx	28.21	102.93			
		PM/PM2.5/PM10	2.10	7.67			
		SO2	4.34	15.85			
		VOC	1.52	5.55			
153	Heater - HR Boiler (30-B-02)(7)	CO	8.46	28.94	18, 20, 41, 42, 62, 77	18, 20, 41, 42, 62, 76, 77, 80	41, 42, 77
		NH3	0.09	0.33			
		NOx	22.56	82.34			
		PM/PM2.5/PM10	2.10	5.51			
		SO2	4.34	10.66			
		VOC	1.52	3.99			
117	Heater - Alky Frac. Reb. (31-H-01)	CO	2.51	8.83	18, 20, 41, 42, 62, 77	18, 20, 41, 42, 62, 76, 77, 80	41, 42, 77
		NH3	0.05	0.17			
		NOx	5.64	19.86			
		PM/PM2.5/PM10	1.17	4.11			
		SO2	2.41	5.86			
		VOC	0.85	2.97			
120	Heater - Butamer Heater (36-H-01)	CO	0.27	0.98	20, 62, 77	20, 62, 76, 77, 80	77
		NH3	<0.01	0.02			
		NOx	2.00	4.30			
		PM/PM2.5/PM10	0.12	0.26			

Major NSR Summary Table

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
162	Oleflex Heater	SO ₂	0.26	0.41	18, 20, 41, 42, 62, 77	18, 20, 41, 42, 62, 76, 77, 80	41, 42, 77
		VOC	0.09	0.19			
		CO	19.45	69.49			
		NH ₃	0.12	0.49			
		NO _x	23.34	65.75			
		PM/PM _{2.5} /PM ₁₀	2.90	11.62			
119	Heater - Sulften Heater (46-H-01)	SO ₂	5.99	16.57	20, 62, 77	20, 62, 76, 77, 80	77
		VOC	2.10	8.41			
		CO	0.35	1.49			
		NH ₃	<0.01	0.03			
		NO _x	2.17	5.21			
		PM/PM _{2.5} /PM ₁₀	0.13	0.32			
150	HCU Heater (interim limit)(6)	SO ₂	0.28	0.63	18, 20, 41, 42, 62, 77	18, 20, 41, 42, 62, 76, 77, 80	41, 42, 77
		VOC	0.10	0.24			
		CO	6.10	24.38			
		NH ₃	0.06	0.26			
		NO _x	20.32	81.27			
		PM/PM _{2.5} /PM ₁₀	1.51	6.06			
150	HCU Heater (7)	SO ₂	3.13	12.52	18, 20, 41, 42, 62, 77	18, 20, 41, 42, 62, 76, 77, 80	41, 42, 77
		VOC	1.10	4.38			
		CO	6.10	24.38			
		NH ₃	0.06	0.26			
		NO _x	12.19	48.76			
		PM/PM _{2.5} /PM ₁₀	1.51	6.06			
151	Heater - NHU Heater (48-H-01)	SO ₂	3.13	8.63	20, 62, 77	20, 62, 76, 77, 80	77
		VOC	1.10	4.38			
		CO	1.06	3.82			
		NH ₃	0.01	0.04			

Major NSR Summary Table

Permit Number: 38754 and PSDTX324M14			Issuance Date: 03/04/2014				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
		NOx	3.52	12.72			
		PM/PM2.5/PM10	0.26	0.95			
		SO2	0.54	1.35			
		VOC	0.19	0.69			
152	CRU Heater	CO	16.85	57.02	18, 20, 41, 42, 62, 77	18, 20, 41, 42, 62, 76, 77, 80	41, 42, 77
		NH3	0.18	0.60			
		NOx	39.31	133.06			
		PM/PM2.5/PM10	4.18	14.16			
		SO2	9.80	22.69			
		VOC	3.03	10.25			
172	Heater - RSU Heater (49-H-71)	CO	3.30	12.72	18, 20, 41, 62, 77	18, 20, 41, 62, 76, 77, 80	41, 77
		NH3	0.02	0.08			
		NOx	3.96	15.26			
		PM/PM2.5/PM10	0.49	1.90			
		SO2	1.02	2.70			
		VOC	0.36	1.37			
49-H-90	Heater - C7 Splitter Reb. (49-H-90)	CO	5.32	16.82	18, 20, 41, 42, 62, 77	18, 20, 41, 42, 62, 76, 77, 80	41, 42, 77
		NH3	0.03	0.13			
		NOx	4.25	15.46			
		PM/PM2.5/PM10	0.79	3.01			
		SO2	1.64	4.29			
		VOC	0.57	2.18			
195	Heater - GDU Charge Heater (52-H-01)	CO	13.65	34.29	18, 20, 41, 42, 62, 77	18, 20, 41, 42, 62, 76, 77, 80	41, 42, 77
		NH3	0.05	0.20			
		NOx	5.80	14.69			
		PM/PM2.5/PM10	1.23	4.61			
		SO2	2.55	6.57			
		VOC	0.89	3.34			

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
1F	Crude Unit	VOC	See Subcap	See Subcap			
2F	Vacuum Unit	H2S	0.02	0.08	35, 55, 64	35, 55, 64, 76, 80	
		VOC	See Subcap	See Subcap			
4F	LEU Unit	VOC	See Subcap	See Subcap			
11F	Desalter Unit	VOC	See Subcap	See Subcap			
12F	HDS Unit	H2S	0.14	0.62	35, 55, 64	35, 55, 64, 76, 80	
		VOC	See Subcap	See Subcap			
13F	H2 Reformer	VOC	See Subcap	See Subcap			
18F	LEU-2	VOC	See Subcap	See Subcap			
20F	LRU	VOC	See Subcap	See Subcap			
21/22F	HOC	H2S	0.03	0.12	35, 55, 64	35, 55, 64, 76, 80	
		VOC	See Subcap	See Subcap			
30F	Boiler House	VOC	See Subcap	See Subcap			
07F	#07 BUP Flare	VOC	See Subcap	See Subcap			
31F	Alky Unit	H2S	0.10	0.43	35, 55, 64	35, 55, 64, 76, 80	
		HF	0.52	2.29	32, 34, 35, 45, 77	32, 34, 35, 76, 77, 80	32, 34, 47, 77
		VOC	See Subcap	See Subcap			
36F	Butamer Unit	VOC	See Subcap	See Subcap			
37F	Iso-Octene	VOC	See Subcap	See Subcap			

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
38F	Oleflex Unit	VOC	See Subcap	See Subcap			
46-24F	SULF-10 Fugitives(5)	H2S	0.10	0.43	35, 55, 64	35, 55, 64, 76, 80	
		VOC	See Subcap	See Subcap			
41F	SRU Unit Fugitives(5)	H2S	0.02	0.09	35, 55, 64	35, 55, 64, 76, 80	
		VOC	See Subcap	See Subcap			
47F	HCU Unit	H2S	0.15	0.67	35, 55, 64	35, 55, 64, 76, 80	
		VOC	See Subcap	See Subcap			
47PSA	PSA Unit	VOC	See Subcap	See Subcap			
48F	NHT Unit	H2S	0.01	0.06	35, 55, 64	35, 55, 64, 76, 80	
		VOC	See Subcap	See Subcap			
49F	CRU Unit	VOC	See Subcap	See Subcap			
175	XFU/RFU/C7Split Unit	VOC	See Subcap	See Subcap			
52F	GDU Unit	VOC	See Subcap	See Subcap			
DOCKS	DK-Docks	VOC	See Subcap	See Subcap			
o8F	#o8FLR/Day Tanks	VOC	See Subcap	See Subcap			
LPG STGF	LPG STORAGE	VOC	See Subcap	See Subcap			
MVRUF	MVRU	VOC	See Subcap	See Subcap			
TERM-F	#TM-TERMINAL	VOC	See Subcap	See Subcap			
TRKRACKFUG	TRUCK RACK(5)	VOC	See Subcap	See Subcap			

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
83F	Wastewater Treatment Plant	VOC	See Subcap	See Subcap			
54F	Selective Hydrogenation Unit	VOC	See Subcap	See Subcap			
42F	Sour Water Stripper	H2S	<0.01	0.02	35, 55, 64	35, 55, 64, 76, 80	
		VOC	See Subcap	See Subcap			
168	Oleflex CCR	Cl2	<0.01	0.04	27, 77, 79	76, 77, 79, 80	77, 79
		H2SO4	<0.01	0.01			
		HCl	0.06	0.28			
		SO2	0.04	0.19			
37	Tank - 100	VOC	See Subcap Below	See Subcap Below			
9	Tank - 101	VOC	See Subcap Below	See Subcap Below			
10	Tank - 102	VOC	See Subcap Below	See Subcap Below			
11	Tank - 103	VOC	See Subcap Below	See Subcap Below			
12	Tank - 104	VOC	See Subcap Below	See Subcap Below			
13	Tank - 105	VOC	See Subcap Below	See Subcap Below			
15	Tank - 108	VOC	See Subcap Below	See Subcap Below			
16	Tank - 109	VOC	See Subcap Below	See Subcap Below			
17	Tank - 110	VOC	See Subcap Below	See Subcap Below			

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
142	Tank - 111	VOC	See Subcap Below	See Subcap Below			
TK-112	Tank - 112	VOC	See Subcap Below	See Subcap Below			
TK-114	Tank - 114	VOC	See Subcap Below	See Subcap Below			
173	Tank - 115	VOC	See Subcap Below	See Subcap Below			
174	Tank - 116	VOC	See Subcap Below	See Subcap Below			
48	Tank - 139	VOC	See Subcap Below	See Subcap Below			
60	Tank - 14	VOC	See Subcap Below	See Subcap Below			
63	Tank - 149	VOC	See Subcap Below	See Subcap Below			
61	Tank - 15	VOC	See Subcap Below	See Subcap Below			
64	Tank - 150	VOC	See Subcap Below	See Subcap Below			
129	Tank - 156	VOC	See Subcap Below	See Subcap Below			
70	Tank - 16	VOC	See Subcap Below	See Subcap Below			
140	Tank - 161	VOC	See Subcap Below	See Subcap Below			
71	Tank - 17	VOC	See Subcap Below	See Subcap Below			

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
72	Tank - 18	VOC	See Subcap Below	See Subcap Below			
93	Tank - 19	VOC	See Subcap Below	See Subcap Below			
94	Tank - 20	VOC	See Subcap Below	See Subcap Below			
TK-51	Tank - 51	VOC	See Subcap Below	See Subcap Below			
88	Tank - 57	VOC	See Subcap Below	See Subcap Below			
89	Tank - 58	VOC	See Subcap Below	See Subcap Below			
90	Tank - 59	VOC	See Subcap Below	See Subcap Below			
91	Tank - 60	VOC	See Subcap Below	See Subcap Below			
92	Tank - 61	VOC	See Subcap Below	See Subcap Below			
156	Tank - 62	VOC	See Subcap Below	See Subcap Below			
157	Tank - 63	VOC	See Subcap Below	See Subcap Below			
164	Tank - 64	VOC	See Subcap Below	See Subcap Below			
165	Tank - 65	VOC	See Subcap Below	See Subcap Below			
196	Tank - 66	VOC	See Subcap Below	See Subcap Below			

Major NSR Summary Table

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
197	Tank - 67	VOC	See Subcap Below	See Subcap Below			
198	Tank - 68	VOC	See Subcap Below	See Subcap Below			
169	Tank - 75	VOC	See Subcap Below	See Subcap Below			
166	Tank - 76	VOC	See Subcap Below	See Subcap Below			
95	Tank - 77	VOC	See Subcap Below	See Subcap Below			
96	Tank - 78	VOC	See Subcap Below	See Subcap Below			
69	Tank - 9	VOC	See Subcap Below	See Subcap Below			
5	Tank - 93	VOC	See Subcap Below	See Subcap Below			
6	Tank - 94	VOC	See Subcap Below	See Subcap Below			
7	Tank - 95	VOC	See Subcap Below	See Subcap Below			
8	Tank - 96	VOC	See Subcap Below	See Subcap Below			
34	Tank - 97	VOC	See Subcap Below	See Subcap Below			
35	Tank - 98	VOC	See Subcap Below	See Subcap Below			
36	Tank - 99	VOC	See Subcap Below	See Subcap Below			

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
Various	Tanks Subcap	VOC	119.40	281.42	29, 56, 57, 77, 79	29, 52, 56, 76, 77, 79, 80	77, 79
122	Cooling Tower - HOC	PM	17.71	65.86	31	31, 76, 80	
		PM10	16.82	62.58			
		PM2.5	2.63	9.78			
		VOC	5.67	21.09			
123	Cooling Tower - Alky	PM	0.71	2.00	31	31, 76, 80	
		PM10	0.70	1.98			
		PM2.5	0.19	0.55			
		VOC	1.26	3.55			
167-CT	Cooling Tower - BUP	PM	4.52	19.26	31	31, 76, 80	
		PM10	4.30	18.33			
		PM2.5	0.67	2.88			
		VOC	1.47	6.27			
1CT	Cooling Tower - Crude	PM	0.34	1.13	31	31, 76, 80	
		PM10	0.34	1.11			
		PM2.5	0.06	0.21			
		VOC	0.17	0.55			
73-P-3	Engine - 73-P-3	CO	3.21	4.23	20	20, 76, 80	
		NOx	11.63	15.35			
		PM/PM2.5/PM10	1.06	1.39			
		SO2	0.98	1.30			
		VOC	1.21	1.59			
73-P-4	Engine - 73-P-4	CO	2.87	4.99	20	20, 76, 80	
		NOx	10.42	18.09			
		PM/PM2.5/PM10	0.95	1.64			
		SO2	0.88	1.53			
		VOC	1.08	1.88			
73-P-5	Engine - 73-P-5	CO	3.21	8.03	20	20, 76, 80	
		NOx	11.63	29.12			
		PM/PM2.5/PM10	1.06	2.64			
		SO2	0.98	2.46			

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
		VOC	1.21	3.02			
72-P-6	Engine - 72-P-6	CO	3.21	3.21	20	20, 76, 80	
		NOx	11.63	11.64			
		PM/PM2.5/PM10	1.06	1.06			
		SO2	0.98	0.98			
		VOC	1.21	1.21			
72-P-7	Engine - 72-P-7	CO	3.21	0.62	20	20, 76, 80	
		NOx	11.63	2.25			
		PM/PM2.5/PM10	1.06	0.20			
		SO2	0.98	0.19			
		VOC	1.21	0.23			
72-P-8	Engine - 72-P-8	CO	3.21	0.77	20	20, 76, 80	
		NOx	11.63	2.79			
		PM/PM2.5/PM10	1.06	0.25			
		SO2	0.98	0.24			
		VOC	1.21	0.29			
72-P-9	Engine - 72-P-9	CO	3.21	4.77	20	20, 76, 80	
		NOx	11.63	17.32			
		PM/PM2.5/PM10	1.06	1.57			
		SO2	0.98	1.47			
		VOC	1.21	1.80			
72-P-10	Engine - 72-P-10	CO	2.30	7.25	20	20, 76, 80	
		NOx	8.36	26.31			
		PM/PM2.5/PM10	0.76	2.39			
		SO2	0.71	2.23			
		VOC	0.87	2.73			
72-P-11	Engine - 72-P-11	CO	3.24	6.43	20	20, 76, 80	
		NOx	11.75	23.34			
		PM/PM2.5/PM10	1.07	2.12			
		SO2	0.99	1.97			
		VOC	1.22	2.42			
72-P-14A	Engine - 72-P-14A	CO	3.21	3.91	20	20, 76, 80	

Major NSR Summary Table

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
		NOx	11.63	14.17			
		PM/PM2.5/PM10	1.06	1.29			
		SO2	0.98	1.20			
		VOC	1.21	1.47			
72-P-14B	Engine - 72-P-14B	CO	2.85	4.74	20	20, 76, 80	
		NOx	10.32	17.20			
		PM/PM2.5/PM10	0.94	1.56			
		SO2	0.87	1.45			
		VOC	1.07	1.78			
50-P-16	Engine - 50-P-16	CO	3.01	1.31	20	20, 76, 80	
		NOx	10.90	4.74			
		PM/PM2.5/PM10	0.99	0.43			
		SO2	0.92	0.40			
		VOC	1.13	0.49			
50-P-20	Engine - 50-P-20	CO	3.01	2.65	20	20, 76, 80	
		NOx	10.90	9.61			
		PM/PM2.5/PM10	0.99	0.87			
		SO2	0.92	0.81			
		VOC	1.13	1.00			
16-P-04	Engine - 16-P-04	CO	2.20	0.06	20	20, 76, 80	
		NOx	8.00	0.21			
		PM/PM2.5/PM10	0.73	0.02			
		SO2	0.68	0.02			
		VOC	0.83	0.02			
16-P-07	Engine - 16-P-07	CO	2.67	0.04	20	20, 76, 80	
		NOx	9.69	0.15			
		PM/PM2.5/PM10	0.88	0.01			
		SO2	0.82	0.01			
		VOC	1.01	0.02			
126	Main Flare	CO	See Subcap Below	See Subcap Below			

Major NSR Summary Table

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
		H2S	See Subcap Below	See Subcap Below			
		NOx	See Subcap Below	See Subcap Below			
		SO2	See Subcap Below	See Subcap Below			
		VOC	See Subcap Below	See Subcap Below			
158	Ground Flare	CO	See Subcap Below	See Subcap Below			
		H2S	See Subcap Below	See Subcap Below			
		NOx	See Subcap Below	See Subcap Below			
		SO2	See Subcap Below	See Subcap Below			
		VOC	See Subcap Below	See Subcap Below			
127	BUP Flare	CO	See Subcap Below	See Subcap Below			
		H2S	See Subcap Below	See Subcap Below			
		NOx	See Subcap Below	See Subcap Below			
		SO2	See Subcap Below	See Subcap Below			
		VOC	See Subcap Below	See Subcap Below			

Major NSR Summary Table

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
135	Acid Gas Flare (pilot only)	CO	See Subcap Below	See Subcap Below			
		H ₂ S	See Subcap Below	See Subcap Below			
		NO _x	See Subcap Below	See Subcap Below			
		SO ₂	See Subcap Below	See Subcap Below			
		VOC	See Subcap Below	See Subcap Below			
Various	Flares Subcap	CO	516.23	92.94	15, 20, 49, 77, 79	15, 20, 49, 76, 77, 79, 80	49, 77, 79
		H ₂ S	0.28	0.07			
		NO _x	84.29	19.34			
		SO ₂	26.30	6.51			
		VOC	228.27	49.55			
31	Loading - Heavy Oil	VOC	14.96	4.72		76, 80	
SHIP FUG	Loading - Ships Fugitives (5)	VOC	237.46	91.74	13	76, 80	
VRU	Loading - MVRU	VOC	61.33	23.13	14, 41, 42, 44, 79	14, 41, 42, 44, 76, 79, 80	41, 42, 79
TRUCKFUG	Loading - Truck Fugitives (5)	VOC	11.88	13.48	9	76, 80	
TRUCKCOMB	Loading - Truck Combustor	CO	15.19	17.10	8, 20, 41, 42, 77	8, 20, 41, 42, 76, 77, 80	41, 42, 77
		NO _x	6.75	7.43			
		SO ₂	<0.01	0.02			
		VOC	8.19	11.77			
AE-49601A/B	AE-49601A/B Analyzer Vent	VOC	0.01	0.01		76, 80	
AE-49900A/B	AE-49900A/B Analyzer Vent	VOC	0.01	0.01		76, 80	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
AE-49901A/B	AE-49901A/B Analyzer Vent	VOC	0.01	0.01		76, 80	
121	HOC Belco Scrubber	CO	889.96	1,470.33	22, 26, 41, 42, 44, 62, 77, 79	22, 26, 41, 42, 44, 62, 76, 77, 79, 80	41, 42, 77, 79
		H2SO4	49.00	214.62			
		NOx	356.20	473.81			
		PM/PM2.5/PM10	120.32	527.00			
		SO2	203.53	420.09			
		VOC	28.02	115.53			
121	SRU Incinerators Cap	CO	220.75	678.85	20, 25, 41, 42, 44, 62, 77, 79	20, 41, 42, 44, 62, 76, 77, 79, 80	41, 42, 77, 79
		H2S	5.82	18.73			
		NOx	54.64	239.31			
		PM/PM2.5/PM10	24.72	98.38			
		SO2	191.32	837.99			
		VOC	0.96	3.46			
Various	Fugitives Subcap (5)	VOC	136.57	533.74	32, 33, 34, 55, 64, 77, 79	32, 33, 34, 55, 64, 76, 77, 79, 80	32, 33, 34, 77, 79
155	CRU CCR	HCl	0.07	0.29	27, 28, 77, 79	28, 76, 77, 79, 80	77, 79
118	SMR Condenser Vent	VOC	3.64	15.94	41, 48	41, 48, 76, 80	41
21 BH	MAGNACAT Unit	PM/PM2.5/PM10	0.18	0.60		76, 80	
187	Tank 25	H2S	0.02	0.04	78	76, 78, 80	
		NH3	<0.01	<0.01			
		VOC	1.43	5.33			
83-P-136A	Engine 83-P-136A-EN	CO	2.48	0.06	20	20, 76, 80	
		NOx	7.43	0.19			
		PM/PM2.5/PM10	0.38	<0.01			
		SO2	0.88	0.02			
		VOC	7.43	0.19			
83-P-136B	Engine 83-P-136B-EN	CO	2.48	0.06	20	20, 76, 80	
		NOx	7.43	0.19			
		PM/PM2.5/PM10	0.38	<0.01			
		SO2	0.88	0.02			
		VOC	7.43	0.19			

Major NSR Summary Table

Permit Number: 38754 and PSDTX324M14			Issuance Date: 03/04/2014				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
WWTP-OWS	WW collection system	VOC	8.62	37.77	36, 37, 77, 78	36, 37, 76, 77, 78, 80	36, 77, 78
83-TK-26	Tank 26	VOC	0.12	0.45	38, 78	38, 76, 78, 80	78
83-TK-159	Tank 159	VOC	0.15	0.39	38, 78	38, 76, 78, 80	78
83-TK-160	Tank 160	VOC	0.15	0.39	38, 78	38, 76, 78, 80	78
83-V-97	Tank 97	VOC	0.18	0.40	38, 78	38, 76, 78, 80	78
83-V-58	Tank 58	VOC	0.11	0.44	38, 78	38, 76, 78, 80	78
83-V-59	Tank 59	VOC	0.11	0.44	38, 78	38, 76, 78, 80	78
83-TK-162	Tank 162	VOC	0.39	1.77	38, 78	38, 76, 78, 80	78
83-TK-155	Tank 155	VOC	0.39	1.77	38, 78	38, 76, 78, 80	78
124	API/DGF Combustor	CO	1.65	7.22	16, 20, 41, 42, 77, 78	16, 20, 41, 42, 76, 77, 78, 80	41, 42, 77, 78
		NOx	0.45	1.76			
		SO2	0.03	0.13			
		VOC	2.94	12.88			
83-TK-23	Equalization Tank	VOC	0.81	3.51	38, 78	38, 76, 78, 80	78
83-TK27	Bio Oxidation Reactor Tank	VOC	0.51	2.22	38, 39	38, 39, 76, 80	
WWTP-AERB	Aeration Basin	VOC	0.25	1.09	36, 38, 39	36, 38, 39, 76, 80	36
WWTP-CLRF	Clarifier	VOC	<0.01	0.04	36, 38	36, 38, 76, 80	36
WWTP-SLB	Saline Basin	VOC	<0.01	<0.01	36, 38	36, 38, 76, 80	36
01-01	Crude/Vacuum Unit Pump Alley	VOC	<0.01	0.02	78	76, 78, 80	78
01-02	North Side of Vacuum Unit	VOC	<0.01	0.02	78	76, 78, 80	78
01-03	North Side of Vacuum Unit	VOC	<0.01	0.02	78	76, 78, 80	78
01-04	Northwest Side of Vacuum Unit – Main Sump	VOC	<0.01	0.03	78	76, 78, 80	78
03-01	N of Tanks 156/161	VOC	0.02	0.08	78	76, 78, 80	78
98-02	WP MSAT Rail Rack	VOC	0.02	0.08	78	76, 78, 80	78
11-01	Desalter Pump Alley	VOC	<0.01	0.02	78	76, 78, 80	78
41-01	North of 43-TK-08 (Amine Tank)	VOC	<0.01	0.02	78	76, 78, 80	78

Major NSR Summary Table

Permit Number: 38754 and PSDTX324M14			Issuance Date: 03/04/2014				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
41-02	W of 41-V-05 (Acid Gas K.O. Drum)	VOC	<0.01	0.02	78	76, 78, 80	78
49-01	Northwest of XFU	VOC	<0.01	0.02	78	76, 78, 80	78
49-02	North Side of NHT (Unit 48)	VOC	<0.01	0.02	78	76, 78, 80	78
49-03	NHT (Unit 48) Pump Alley	VOC	<0.01	0.02	78	76, 78, 80	78
50-01	East of Tank 62	VOC	<0.01	0.02	78	76, 78, 80	78
52-01	NW of GDU MCC Room	VOC	<0.01	0.02	78	76, 78, 80	78
70-01	East of Tank 55	VOC	<0.01	0.02	78	76, 78, 80	78
70-02	Northwest of Tank 106	VOC	<0.01	0.02	78	76, 78, 80	78
70-03	West of Tank 94 (S&D Main Sump)	VOC	<0.01	0.03	78	76, 78, 80	78
72-01	East of Tank 111	VOC	<0.01	0.02	78	76, 78, 80	78
73-01	North of Tank 152 (Terminal 2A)	VOC	<0.01	0.02	78	76, 78, 80	78
73-02	Between TK 8 & TK 164 (Terminal 2)	VOC	<0.01	0.02	78	76, 78, 80	78
83-01	WWT (Hydroblast Pad)	VOC	0.02	0.07	78	76, 78, 80	78
83-02	WWT (Desalter Lift Station)	VOC	0.01	0.05	78	76, 78, 80	78
83-03	WWT (East of KOH Treater)	VOC	0.02	0.07	78	76, 78, 80	78
83-04	WWT (Northeast of Tank 159)	VOC	<0.01	0.02	78	76, 78, 80	78
83-05	WWT (North Lift Station)	VOC	<0.01	0.03	78	76, 78, 80	78
83-06	WWT (North of V-68)	VOC	<0.01	0.02	78	76, 78, 80	78
83-07	WWT (South of V-55)	VOC	<0.01	0.02	78	76, 78, 80	78
83-09	WWT (BSRP)	VOC	<0.01	0.02	78	76, 78, 80	78
83-10	WWT 83-V-99 (Diversion Box)	VOC	0.02	0.07	78	76, 78, 80	78

Major NSR Summary Table

Permit Number: 38754 and PSDTX324M14			Issuance Date: 03/04/2014				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
83-12	WWT 83-V-28 (SE of Catalyst Pad)	VOC	0.02	0.07	78	76, 78, 80	78
V-201	WP MSAT Rail Rack	VOC	0.51	2.23	7, 78	76, 78, 80	78
124a	WP WWT API Combustor Back up	VOC	0.02	0.08	78	76, 78, 80	78

Footnotes:

- (1) Emission point identification – either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3)
 - Cl₂ - chlorine
 - CO - carbon monoxide
 - H₂S - hydrogen sulfide
 - H₂SO₄ - sulfuric acid
 - MSS - Maintenance, Startup and Shutdown
 - NH₃ - ammonia
 - NO_x - total oxides of nitrogen
 - PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
 - PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
 - PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
 - SO₂ - sulfur dioxide
 - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code §101.1
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) These interim limits are in effect until the earlier of completion of installation of low-NO_x burners or December 31, 2014.
- (7) These limits become effective on the earlier of completion of installation of low-NO_x burners being installed or January 1, 2015.



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
AIR QUALITY PERMIT



A Permit Is Hereby Issued To
Valero Refining-Texas, L.P.
Authorizing the Construction and Operation of
Bill Greehey Refinery West Plant
Located at Corpus Christi, Nueces County, Texas

Latitude 27° 48' 54" Longitude 97° 29' 20"

Permit: 38754 and PSDTX324M14

Revision Date : March 4, 2014

Renewal Date: January 22, 2024

For the Commission

1. **Facilities** covered by this permit shall be constructed and operated as specified in the application for the permit. All representations regarding construction plans and operation procedures contained in the permit application shall be conditions upon which the permit is issued. Variations from these representations shall be unlawful unless the permit holder first makes application to the Texas Commission on Environmental Quality (commission) Executive Director to amend this permit in that regard and such amendment is approved. [Title 30 Texas Administrative Code 116.116 (30 TAC 116.116)]
2. **Voiding of Permit.** A permit or permit amendment is automatically void if the holder fails to begin construction within 18 months of the date of issuance, discontinues construction for more than 18 months prior to completion, or fails to complete construction within a reasonable time. Upon request, the executive director may grant an 18-month extension. Before the extension is granted the permit may be subject to revision based on best available control technology, lowest achievable emission rate, and netting or offsets as applicable. One additional extension of up to 18 months may be granted if the permit holder demonstrates that emissions from the facility will comply with all rules and regulations of the commission, the intent of the Texas Clean Air Act (TCAA), including protection of the public's health and physical property; and (b)(1) the permit holder is a party to litigation not of the permit holder's initiation regarding the issuance of the permit; or (b)(2) the permit holder has spent, or committed to spend, at least 10 percent of the estimated total cost of the project up to a maximum of \$5 million. A permit holder granted an extension under subsection (b)(1) of this section may receive one subsequent extension if the permit holder meets the conditions of subsection (b)(2) of this section. [30 TAC 116.120(a), (b) and (c)]
3. **Construction Progress.** Start of construction, construction interruptions exceeding 45 days, and completion of construction shall be reported to the appropriate regional office of the commission not later than 15 working days after occurrence of the event. [30 TAC 116.115(b)(2)(A)]
4. **Start-up Notification.** The appropriate air program regional office shall be notified prior to the commencement of operations of the facilities authorized by the permit in such a manner that a representative of the commission may be present. The permit holder shall provide a separate notification for the commencement of operations for each unit of phased construction, which may involve a series of units commencing operations at different times. Prior to operation of the facilities authorized by the permit, the permit holder shall identify the source or sources of allowances to be utilized for compliance with Chapter 101, Subchapter H, Division 3 of this title (relating to Mass Emissions Cap and Trade Program). [30 TAC 116.115(b)(2)(B)(iii)]
5. **Sampling Requirements.** If sampling is required, the permit holder shall contact the commission's Office of Compliance and Enforcement prior to sampling to obtain the proper data forms and procedures. All sampling and testing procedures must be approved by the executive director and coordinated with the regional representatives of the commission. The permit holder is also responsible for providing sampling facilities and conducting the sampling operations or contracting with an independent sampling consultant. [30 TAC 116.115(b)(2)(C)]

6. **Equivalency of Methods.** The permit holder must demonstrate or otherwise justify the equivalency of emission control methods, sampling or other emission testing methods, and monitoring methods proposed as alternatives to methods indicated in the conditions of the permit. Alternative methods shall be applied for in writing and must be reviewed and approved by the executive director prior to their use in fulfilling any requirements of the permit. [30 TAC 116.115(b)(2)(D)]
7. **Recordkeeping.** The permit holder shall maintain a copy of the permit along with records containing the information and data sufficient to demonstrate compliance with the permit, including production records and operating hours; keep all required records in a file at the plant site. If, however, the facility normally operates unattended, records shall be maintained at the nearest staffed location within Texas specified in the application; make the records available at the request of personnel from the commission or any air pollution control program having jurisdiction; comply with any additional recordkeeping requirements specified in special conditions attached to the permit; and retain information in the file for at least two years following the date that the information or data is obtained. [30 TAC 116.115(b)(2)(E)]
8. **Maximum Allowable Emission Rates.** The total emissions of air contaminants from any of the sources of emissions must not exceed the values stated on the table attached to the permit entitled "Emission Sources--Maximum Allowable Emission Rates." [30 TAC 116.115(b)(2)(F)]
9. **Maintenance of Emission Control.** The permitted facilities shall not be operated unless all air pollution emission capture and abatement equipment is maintained in good working order and operating properly during normal facility operations. The permit holder shall provide notification for upsets and maintenance in accordance with 30 TAC 101.201, 101.211, and 101.221 of this title (relating to Emissions Event Reporting and Recordkeeping Requirements; Scheduled Maintenance, Startup, and Shutdown Reporting and Recordkeeping Requirements; and Operational Requirements). [30 TAC 116.115(b)(2)(G)]
10. **Compliance with Rules.** Acceptance of a permit by an applicant constitutes an acknowledgment and agreement that the permit holder will comply with all rules, regulations, and orders of the commission issued in conformity with the TCAA and the conditions precedent to the granting of the permit. If more than one state or federal rule or regulation or permit condition is applicable, the most stringent limit or condition shall govern and be the standard by which compliance shall be demonstrated. Acceptance includes consent to the entrance of commission employees and agents into the permitted premises at reasonable times to investigate conditions relating to the emission or concentration of air contaminants, including compliance with the permit. [30 TAC 116.115(b)(2)(H)]
11. **This** permit may not be transferred, assigned, or conveyed by the holder except as provided by rule. [30 TAC 116.110(e)]
12. **There** may be additional special conditions attached to a permit upon issuance or modification of the permit. Such conditions in a permit may be more restrictive than the requirements of Title 30 of the Texas Administrative Code. [30 TAC 116.115(c)]
13. **Emissions** from this facility must not cause or contribute to a condition of "air pollution" as defined in Texas Health and Safety Code (THSC) 382.003(3) or violate THSC 382.085. If the executive director determines that such a condition or violation occurs, the holder shall implement additional abatement measures as necessary to control or prevent the condition or violation.
14. **The** permit holder shall comply with all the requirements of this permit. Emissions that exceed the limits of this permit are not authorized and are violations of this permit.

SPECIAL CONDITIONS

Permit Numbers 38754 and PSDTX324M14

1. This permit authorizes emissions only from those points listed in the attached table entitled "Emission Sources Emission Caps and Individual Emissions Limitations," and the facilities covered by this permit are authorized to emit subject to the emission rate limits on that table and other operating requirements specified in the special conditions.

Throughput Limitations

2. Reserved.
3. Reserved.
4. Reserved.
5. Tank truck loading operations are limited to the following liquids and maximum loading rates:

Chemical	Hourly Rate (gal/hr)
Kerosene	30,000
Diesel	30,000
Gasoline	60,000

6. The Marine loading shall comply with the following:
 - A. Marine loading with emissions that are controlled with the marine vapor recovery unit (VRU) shall be limited to a maximum of 35,000 bbl/hr. The liquids that are loaded at this rate and controlled with the VRU at this facility are limited to gasoline, natural gasoline, naphtha, cat gasoline, alkylate, and reformat.

The BT concentrate, mixed xylenes, heartcut, and toluene concentrate may also be loaded into marine vessels with emissions controlled by the VRU, at a rate not to exceed 5,000 bbl/hr. Only one of these products may be loaded at a time.

- B. Marine loading with uncontrolled vapor emissions shall be limited to the following services at the indicated rates:

Liquid	Barge bbl/hr	Ship bbl/hr
Diesel*	8,500	12,500
Kerosene*	5,000	12,500
Gas Oil	6,000	20,000

SPECIAL CONDITIONS

Permit Numbers 38754 and PSDTX324M14

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Liquid	Barge bbl/hr	Ship bbl/hr
ATB	6,000	20,000
VTB	6,000	20,000
Slurry	6,000	0
Bunker	6,000	20,000

- * Diesel and kerosene shall not be loaded onto ships and barges concurrently.

Loading Controls

7. Operation without visible liquid leaks or spills shall be maintained at all loading or unloading facilities regardless of vapor pressure. This does not apply to momentary dripping associated with the initial connection or disconnection of fittings. Sustained dripping from fittings during loading or unloading operations is not permitted. Any liquid spill that occurs during loading or unloading activities shall be cleaned up immediately to minimize air emissions.
8. Emissions resulting from the tank truck loading of gasoline shall be routed to the Vapor Combustor (Emission Point No. [EPN] TRUCKCOMB) for final abatement. The volatile organic compounds (VOC) emissions from EPN TRUCKCOMB shall not exceed 10 milligrams per liter of gasoline loaded. The vapor combustor combustion temperature shall be maintained at or above 1400 °F (based on a five-minute averaging period) when loading vapors are routed to it. This temperature shall be recorded during loading operations and the records maintained on-site. The vapor combustor operating temperature may be lowered if it has been tested at the lower temperature in accordance with Special Condition (SC) No. 41 to demonstrate compliance with this emission limit. Records associated with this permit condition shall be kept for at least five years.
9. All tank trucks loading gasoline at this facility shall be leak-tight tested a minimum of once a year using the method described in the U.S. Environmental Protection Agency (EPA) regulations in Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subparts A and XX on Standards of Performance for New Stationary Sources promulgated for Bulk Gasoline Terminals or the method described in 40 CFR Part 63, Subparts A and R, National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations). In the event of a disagreement between the method in 40 CFR Part 60, Subparts A and XX, and the method in 40 CFR Part 63, Subparts A and R, the most stringent of the two shall be implemented.
10. All tank truck loading of kerosene and diesel shall be conducted using submerged loading procedures.

SPECIAL CONDITIONS

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11. The marine VRU shall limit VOC emissions from EPN VRU to 5 mg/l of liquid loaded.
12. All marine loading emissions of liquids with vapor pressures greater than 0.5 pound per square inch, absolute (psia) must be vented to the VRU.
13. A vacuum of at least one-inch water column shall be established downstream of the dock pressure control valve prior to commencing marine loading. A vacuum shall also be established on the barge or ship being loaded if possible. The vacuum shall be maintained during loading and monitored continually or an alarm activated if the vacuum is not maintained.
14. The VRU VOC concentration as measured by the continuous emission monitor specified in SC No. 42 shall not exceed 7,621 parts per million (ppm) over any one-hour period while the marine loading emissions are being vented. If the reading exceeds this limit, marine loading shall be secured, the Texas Commission on Environmental Quality (TCEQ) Corpus Christi Regional Office notified, and the cause determined and corrected before loading resumes.

Combustion Controls

15. Flares shall be designed and operated in accordance with the following requirements:
 - A. The flare systems shall be designed such that the combined assist natural gas and waste stream to each flare meets the 40 CFR § 60.18 specifications of minimum heating value and maximum tip velocity under normal, upset, and maintenance flow conditions.

The heating value and velocity requirements shall be satisfied during operations authorized by this permit. Flare testing per 40 CFR § 60.18(f) may be requested by the appropriate regional office to demonstrate compliance with these requirements.

The Acid Gas Flare (EPN 135) is not authorized for routine emissions or for planned maintenance, startup, and shutdown (MSS) emissions.
 - B. The flare shall be operated with a flame present at all times and/or have a constant pilot flame. The pilot flame shall be continuously monitored by a thermocouple, an ultraviolet beam sensor, or an infrared monitor. The time, date, and duration of any loss of pilot flame shall be recorded. Each monitoring device shall be accurate to, and shall be calibrated at a frequency in accordance with, the manufacturer's specifications.

SPECIAL CONDITIONS

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- C. The flare shall be operated with no visible emissions except periods not to exceed a total of five minutes during any two consecutive hours.
- D. The permit holder shall install a continuous flow monitor and composition analyzer that provide a record of the vent stream flow and composition to the flare. The flow monitor sensor and analyzer sample points shall be installed in the vent stream as near as possible to the flare inlet such that the total vent stream to the flare is measured and analyzed. Readings shall be taken at least once every 15 minutes and the average hourly values of the flow and composition shall be recorded each hour.

The monitors shall be calibrated on an annual basis to meet the following accuracy specifications: the flow monitor shall be $\pm 5.0\%$, temperature monitor shall be $\pm 2.0\%$ at absolute temperature, and pressure monitor shall be ± 5.0 mm Hg;

If VOC will be monitored, calibration of the analyzer shall follow the procedures and requirements of Section 10.0 of 40 CFR Part 60, Appendix B, Performance Specification 9, as amended through October 17, 2000 (65 FR 61744), except for the following:

- (1) The multi-point calibration procedure in Section 10.1 of Performance Specification 9 shall be performed at least once every calendar quarter instead of once every month.
- (2) The mid-level calibration check procedure in Section 10.2 of Performance Specification 9 shall be performed at least once every calendar week instead of once every 24 hours.
- (3) The on-line analyzer system must be capable of measuring constituents sufficient to determine the net heating value of the gas combusted in the flare to within 5.0%, or be calibrated with certified standards of the top two constituents affecting net heating value, whichever is more stringent.
- (4) The ranges of calibration standards may be based on the typical concentrations observed rather than the full potential range of concentrations.

The calibration gases used for calibration procedures shall be in accordance with Section 7.1 of Performance Specification 9. Net heating value of the gas combusted in the flare shall be calculated according to the equation given in 40 CFR §60.18(f)(3) as amended through October 17, 2000 (65 FR 61744).

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If a calorimeter will be used, it shall be calibrated, installed, operated, and maintained, in accordance with manufacturer recommendations, to continuously measure and record the net heating value of the gas sent to the flare, in British thermal units/standard cubic foot of the gas.

In all cases, the monitors and analyzers shall operate as required by this section at least 95% of the time when the flare is operational, averaged over a rolling 12 month period. Flared gas net heating value and actual exit velocity determined in accordance with 40 CFR §60.18(f)(4) shall be recorded at least once every 15 minutes, but not if a calorimeter is used. Hourly mass emission rates shall be determined and recorded using the above readings and the emission factors used in the permit amendment application, PI-1 dated March 31, 2011.

16. The American Petroleum Institute (API) Separator Combustor shall achieve at least 98 percent destruction efficiency. The vapor combustor combustion temperature shall be maintained at or above 1600°F (based on a five-minute averaging period) when the separator is in service. This temperature shall be recorded and the records maintained on-site. The vapor combustor operating temperature may be lowered if it has been tested at the lower temperature in accordance with SC No. 41 to demonstrate compliance with this emission limit. Records associated with this permit condition shall be kept for five years.

A back-up carbon adsorption system (CAS) is a means of control equivalent to the API Separator Combustor for compliance with the preceding paragraph of this special condition. When used as back-up control, the CAS shall meet the following requirements:

- A. The CAS shall consist of 2 carbon canisters in series with adequate carbon supply for the emission control operation.
- B. The CAS shall be sampled downstream on the first can and the concentration recorded at least once every hour of CAS run time to determine breakthrough of the VOC. The sampling frequency may be extended using either of the following methods:
 - (1) The CAS systems equipped with an upstream liquid scrubber may be sampled once every 12 hours of CAS run time to determine breakthrough.
 - (2) Sampling frequency may be extended to up to 30 percent of the minimum potential saturation time for a new can of carbon. The permit holder shall maintain records including the calculations performed to determine the minimum saturation time.

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- (3) The carbon sampling frequency may be extended to longer periods based on previous experience with carbon control of a MSS waste gas stream. The past experience must be with the same VOC, type of facility, and MSS activity. The basis for the sampling frequency shall be recorded. If breakthrough is monitored on the initial sample of the upstream can when the polishing can is put in place, a permit deviation shall be recorded.
 - C. The method of VOC sampling and analysis shall be by detector meeting the requirements of SC No. 54.
 - D. Breakthrough is defined as the highest measured VOC or benzene concentration at or exceeding 100 ppmv or 5 ppmv, respectively, above background. When the condition of breakthrough of VOC from the initial saturation canister occurs, the waste gas flow shall be switched to the second canister and a fresh canister shall be placed as the new final polishing canister within twenty-four hours. In lieu of replacing canisters, the flow of waste gas may be discontinued until the canisters are switched. Sufficient new activated carbon canisters shall be available to replace spent carbon canisters such that replacements can be done in the above specified time frame.
 - E. Records of CAS monitoring shall include the following:
 - (1) Sample time and date.
 - (2) Monitoring results (ppmv).
 - (3) Canister replacement log.
 - F. Single canister systems are allowed if the time the carbon canister is in service is limited to no more than 30 percent of the minimum potential saturation time. The permit holder shall maintain records for these systems, including the calculations performed to determine the saturation time. The time limit on carbon canister service shall be recorded and the expiration date attached to the carbon can.
 - G. Liquid scrubbers may be used upstream of carbon canisters to enhance VOC capture provided such systems are closed systems and the spent absorbing solution is discharged into a closed container, vessel, or system.
17. No visible emissions are allowed from the heaters.

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18. The permittee shall operate a continuous hydrogen sulfide (H₂S) monitoring instrument in the fuel feed line header for all fired units with a firing rate greater than 40 MMBtu/hr to continuously monitor a representative sample of fuel gas for H₂S content. The instrument shall be installed and operated according to the specifications set out in 40 CFR § 60.105. These gases shall have a maximum H₂S concentration of 0.054 grain per dry standard cubic foot (dscf) on an hourly average. The Vacuum Unit Heater (EPN 74) may also be fired with vacuum off-gas having a maximum H₂S concentration of 0.10 grain/dscf on an hourly average.
19. Heater and reboiler emissions shall meet the following specifications:

EPN	Facility	NO _x lb/MMBtu	CO lb/MMBtu	NO _x Compliance Method ¹
162	38-H-01/02/03	0.06	0.05	CEMS
1	Crude Heater	0.06	0.05	CEMS
74	Vacuum Unit Heater	0.06	0.05	stack test
150 ³	47-H-01/02/03/04	0.06	0.03	stack test
152	49-H-01/02/03/04	0.07	0.03	CEMS
153 ³	Boiler 30-B-02 ²	0.08		CEMS
172	RSU Heater	0.06	0.05	stack test
49H90	C7 Splitter Reboiler	0.04	0.05	CEMS
114	Desalter Heater	0.06	0.05	stack test
115	12-H-01A/B	0.06	0.05	stack test
116	HDS Heavy Oil Preheater	0.12	0.016	
117	Alky Fract Reboiler	0.036	0.016	CEMS
118	13-H-01A/B/C	0.06	0.05	CEMS
119	Sulften Heater	0.12	0.016	
120	Butamer Heater	0.12	0.016	
195	GD Charge Heater	0.035	100 ppmv	CEMS

Footnote 1:

Compliance method, including continuous emission monitoring system (CEMS), specified in this condition per US EPA Consent Decree SA-05-CA-0569 for the NO_x standard (lb/MMBtu) specified in the table. The Consent Decree standards for units with CEMS are stated in terms of a 365 day rolling average and in terms of a three hour averaging period for those subject only to a stack test. For the purpose of this permit, all standards (NO_x and CO), except for those for Boiler 30-B-02, must be met on an hourly averaging period.

Footnote 2:

The requirements for this boiler were added to this condition from US EPA Consent Decree SA-05-CA-0569.

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Footnote 3:

NOx compliance for these two combustion sources are based on 0.1 lb/MMBtu until low NOx burners are installed. Installation of low NOx burners shall be completed by December 31, 2014.

20. Upon request by the Executive Director of the TCEQ, the EPA, or any local air pollution control program having jurisdiction, the holder of this permit shall provide a sample and/or an analysis of the fuel(s) utilized in these facilities or shall allow air pollution control agency representatives to obtain a sample for analysis.

Sulfur Recovery Units (SRUs) and HOC Scrubber

21. The coke burn-off non-sulfate particulate matter (PM) emissions may not exceed 0.57 pound per 1,000 pounds of coke burn-off. The HOC scrubber sulfuric acid mist (a subset of total PM) emissions shall not exceed 0.35 pound per 1,000 pounds of coke burn-off.
22. The pH of the HOC scrubber circulating caustic solution shall be continually monitored and be maintained at a level between 6.0 and 9.0 by the addition of fresh caustic solution as required. The pH shall be recorded at least hourly, and the records maintained at the plant site for a period of five years. These records shall be made available for inspection by the Executive Director of the TCEQ or his designated representative.
23. The minimum sulfur recovery efficiency for the SRU/Sulften and SRU/Scot shall be 99.8 percent. The sulfur recovery efficiency shall be determined by calculation as follows:

$$\text{Efficiency} = (\text{S recovered}) * (100) / (\text{S acid gas})$$

Where: Efficiency = sulfur recovery efficiency, percent
S recovered = (S acid gas - S stack), pounds per hour (lb/hr)
S acid gas = sulfur in acid gas stream, lb/hr
S stack = sulfur in incinerator stack, lb/hr

24. Acid gas must be routed to a properly operating SRU train. All SRU trains shall normally be operated when acid gas is being produced to maintain the maximum redundant sulfur capacity. The TCEQ Regional Office shall be notified within 72 hours if any SRU train is not fully operational. The notification shall include a description of the problem, the estimated loss of capacity, actions required to correct the problem, and when the line is expected to be fully operational.

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In the event that the Sulften/Scot unit is not operating properly, immediate steps shall be taken to correct the improper operation and shift the acid gas feeds to another fully operational SRU.

25. The Scot tail gas incinerator shall be operated with no less than 3.0 percent oxygen (O₂) in the incinerator stack and at no less than 1500°F incinerator firebox exit temperature. The incinerator shall achieve a minimum H₂S destruction efficiency of 99.9 percent or 5 parts per million by volume (ppmv) (corrected to 3 percent excess O₂) reduced sulfur compound exit concentration. If stack testing indicates that a higher temperature or O₂ concentration is necessary to obtain a minimum H₂S destruction efficiency of 99.9 percent or 5 ppmv (corrected to 3 percent excess O₂) reduced sulfur compound exit concentration, then the temperature and O₂ maintained during the stack test will become the new minimum operating limits. The O₂ and temperature requirements do not apply when performing a stack test on the incinerator in accordance with SC No. 41. The permit holder may request that the operating limits be relaxed with a permit alteration request should stack testing indicate the required emissions control is obtained at the proposed limits.
26. In order to control opacity from the stack of EPN 121, the permittee shall maintain the liquid to the filtering modules at a pressure greater than 45 pounds per square inch (psi) and the flue gas pressure drop across the filtering modules and the cyclolabs at no less than 5 inches of water. Liquid pressure and pressure drop shall be continuously recorded and maintained at the plant site for a period of five years. These records shall be made available for inspection by the Executive Director of the TCEQ or his designated representative.

The opacity of emissions from the Caustic Scrubber Stack (EPN 121) shall not exceed 20 percent averaged over a six-minute period as determined by a trained observer.

Control Requirements

27. The Oleflex and Naphtha Continuous Catalyst Regenerator (CCR) scrubber liquids shall be sampled at least twice daily (once per shift) for caustic inventory. The caustic concentration of the Oleflex CCR shall be maintained greater than 1 weight percent sodium hydroxide (measured as total alkalinity). The caustic concentration of the Naphtha Reformer CCR shall be maintained greater than 0.41 weight percent sodium hydroxide (measured as total alkalinity).
28. The caustic absorber circulation rate for the Naphtha CCR shall be a minimum of 368 gpm. The circulation rate shall be recorded at least hourly, and the records maintained at the plant site for a period of five years. These records shall be made available for inspection by the Executive Director of the TCEQ or his designated representative.

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29. Storage tanks are subject to the following requirements. The control requirements specified in paragraphs A through D of this condition shall not apply (1) where the VOC has an aggregate partial pressure of less than 0.50 psia at the maximum feed temperature or 95 °F, whichever is greater, or (2) to storage tanks smaller than 25,000 gallons.
- A. An internal floating deck or roof or equivalent control shall be installed in all tanks. The floating roof shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof: (1) a liquid-mounted seal, (2) two continuous seals mounted one above the other, or (3) a mechanical shoe seal.
 - B. An open-top tank containing a floating roof (external floating roof tank) which uses double seal or secondary seal technology shall be an approved control alternative to an internal floating roof tank provided the primary seal consists of either a mechanical shoe seal or a liquid-mounted seal and the secondary seal is rim-mounted. A weathershield is not approvable as a secondary seal unless specifically reviewed and determined to be vapor-tight.
 - C. For any tank equipped with a floating roof, the permit holder shall perform the visual inspections and seal gap measurements as specified in 40 CFR § 60.113b, Testing and Procedures (as amended at 54 FR 32973, Aug. 11, 1989), to verify fitting and seal integrity. Records shall be maintained of the dates seals were inspected and seal gap measurements made, results of inspections and measurements made (including raw data), and actions taken to correct any deficiencies noted.
 - D. The floating roof design shall incorporate sufficient flotation to conform to the requirements of API Code 650 dated November 1, 1998, except that an internal floating cover need not be designed to meet rainfall support requirements and the materials of construction may be steel or other materials.
 - E. Uninsulated tank exterior surfaces exposed to the sun shall be white or aluminum. Storage tanks must be equipped with permanent submerged fill pipes.
 - F. The permit holder shall maintain an emissions record which includes calculated emissions of VOC from all storage tanks during the previous calendar month and the past consecutive 12-month period. The record shall include tank identification number, control method used, tank capacity in barrels, name of the material stored, VOC molecular weight, VOC monthly average temperature in degrees Fahrenheit, VOC vapor

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pressure at the monthly average material temperature in psia, VOC throughput for the previous month and year-to-date. Records of VOC monthly average temperature are not required to be kept for unheated tanks which receive liquids that are at or below ambient temperatures.

Emissions for tanks shall be calculated using the TCEQ publication titled "Technical Guidance Package for Chemical Sources - Storage Tanks."

- G. Floating roof tanks 23, 26, and 164 shall be equipped with a Pole Sleeve System or equivalent as required by the Storage Tank Emission Reduction Partnership Program (STERPP) Agreement with U.S. EPA, dated May 23, 2001, as listed in Appendix I and Annex A of that agreement. Storage Tank 164 was owned by the Valero Bill Greehey Refinery – West Plant at the time of STERPP Agreement execution and is currently owned by NuStar Energy LP (a non-affiliated company).
30. Non-fugitive emissions from relief valves, safety valves, or rupture discs of gases containing VOC at a concentration of greater than 1 percent are not authorized by this permit unless authorized on the maximum allowable rates table. Any releases directly to atmosphere from relief valves, safety valves, or rupture discs of gases containing VOC at a concentration greater than 1 weight percent are not consistent with good practice for minimizing emissions.
31. The cooling towers shall comply with the following requirements:
- A. The cooling tower water shall be monitored monthly for VOC leakage from heat exchangers in accordance with the requirements of the TCEQ Sampling Procedures Manual, Appendix P (dated January 2003 or a later edition) or another air stripping method approved by the TCEQ Executive Director.
 - B. Cooling water VOC concentrations above 0.08 ppmw indicate faulty equipment. Equipment shall be maintained so as to minimize VOC emissions into the cooling water. Faulty equipment shall be repaired at the earliest opportunity but no later than the next scheduled shutdown of the process unit in which the leak occurs.
 - C. Emissions from the cooling tower are not authorized if the VOC concentration of the water returning to the cooling tower exceeds 0.80 ppmw. The VOC concentrations above 0.80 ppmw are not subject to extensions for delay of repair under this permit condition. The results of the monitoring and maintenance efforts shall be recorded.

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- D. Cooling water shall be sampled once a week for total dissolved solids (TDS) and once a day for conductivity. Dissolved solids in the cooling water drift are considered to be emitted as total particulate matter (PM) / PM equal to or less than 10 microns in diameter (PM₁₀) / PM equal to or less than 2.5 microns in diameter (PM_{2.5}). The data shall result from collection of water samples from the cooling tower feed water and represent the water being cooled in the tower. Water samples should be capped upon collection, and transferred to a laboratory area for analysis. The analysis method for TDS shall be EPA Method 160.1, ASTM D5907, and SM 2540 C [SM - 19th edition of Standard Methods for Examination of Water]. The analysis method for Conductivity shall be ASTM D1125-95A and SM2510 B. Use of an alternative method shall be approved by the TCEQ Regional Director prior to its implementation.
- E. The HOC Cooling Tower is exempt from the requirement in the preceding items in this permit condition. Instead, operation this tower shall comply with the requirements in the HOC Cooling Tower Work Practice Standards (Standards) in the Agreed Order dated November 3, 2011, on Enforcement Case No. 39831. The holder of this permit shall maintain on site a copy of the Standards for as long as they are in effect, and for five years after they cease to apply. The holder of this permit shall maintain on site records to demonstrate compliance for a period of five years.

Fugitive Emissions Control

32. Piping, Valves, Flanges, Pumps, and Compressors in VOC Service - Intensive Directed Maintenance - 28 VHP

Except as may be provided for in the special conditions of this permit, the following requirements apply to the above-referenced equipment.

- A. These conditions shall not apply (1) where the VOC has an aggregate partial pressure or vapor pressure of less than 0.044 psia at 68°F or (2) the operating pressure is at least 5 kilopascals (0.725 psi) below ambient pressure. Equipment excluded from this condition shall be identified in a list or by one of the methods described below to be made readily available upon request.

The exempted components may be identified by one or more of the following methods:

- (1) piping and instrumentation diagram (PID);
- (2) a written or electronic database or electronic file;
- (3) color coding;
- (4) a form of weatherproof identification; or

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- (5) designation of exempted process unit boundaries.
- B. Construction of new and reworked piping, valves, pump systems, and compressor systems shall conform to applicable American National Standards Institute (ANSI), API, American Society of Mechanical Engineers (ASME), or equivalent codes.
- C. New and reworked underground process pipelines shall contain no buried valves such that fugitive emission monitoring is rendered impractical. New and reworked buried connectors shall be welded.
- D. To the extent that good engineering practice will permit, new and reworked valves and piping connections shall be so located to be reasonably accessible for leak-checking during plant operation. Difficult-to-monitor and unsafe-to-monitor valves, as defined by Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115), shall be identified in a list to be made readily available upon request. The difficult-to-monitor and unsafe-to-monitor valves may be identified by one or more of the methods described in subparagraph A above. If an unsafe-to-monitor component is not considered safe to monitor within a calendar year, then it shall be monitored as soon as possible during safe-to-monitor times. A difficult-to-monitor component for which quarterly monitoring is specified may instead be monitored annually.
- E. New and reworked piping connections shall be welded or flanged. Screwed connections are permissible only on piping smaller than two-inch diameter. Gas or hydraulic testing of the new and reworked piping connections at no less than operating pressure shall be performed prior to returning the components to service or they shall be monitored for leaks using an approved gas analyzer within 15 days of the components being returned to service. Adjustments shall be made as necessary to obtain leak-free performance. Connectors shall be inspected by visual, audible, and/or olfactory means at least weekly by operating personnel walk-through.

Each open-ended valve or line shall be equipped with an appropriately sized cap, blind flange, plug, or a second valve to seal the line. Except during sampling, both valves shall be closed. If the removal of a component for repair or replacement results in an open ended line or valve, it is exempt from the requirement to install a cap, blind flange, plug, or second valve for 72 hours. If the repair or replacement is not completed within 72 hours, the permit holder must complete either of the following actions within that time period: the line or valve must have a cap, blind flange, plug, or second valve installed; or the permit holder shall verify that there is no leakage from the open-ended line or valve. The open-

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ended line or valve shall be monitored on a weekly basis in accordance with the applicable permit condition for fugitive emission monitoring, except that a leak is defined as any VOC reading greater than background. Leaks must be repaired within 24 hours or a cap, blind flange, plug, or second valve must be installed on the line or valve. The results of this weekly check and any corrective actions taken shall be recorded.

- F. Accessible valves shall be monitored by leak-checking for fugitive emissions at least quarterly using an approved gas analyzer. Sealless/leakless valves (including, but not limited to, welded bonnet bellows and diaphragm valves) and relief valves equipped with a rupture disc upstream or venting to a control device are not required to be monitored. For valves equipped with rupture discs, a pressure-sensing device shall be installed between the relief valve and rupture disc to monitor disc integrity. All leaking discs shall be replaced at the earliest opportunity but no later than the next process shutdown.

A check of the reading of the pressure-sensing device to verify disc integrity shall be performed weekly and recorded in the unit log or equivalent. Pressure-sensing devices that are continuously monitored with alarms are exempt from recordkeeping requirements specified in this paragraph.

The gas analyzer shall conform to requirements listed in Method 21 of 40 CFR part 60, appendix A. The gas analyzer shall be calibrated with methane. In addition, the response factor of the instrument for a specific VOC of interest shall be determined and meet the requirements of Section 8 of Method 21. If a mixture of VOCs are being monitored, the response factor shall be calculated for the average composition of the process fluid. A calculated average is not required when all of the compounds in the mixture have a response factor less than 10 using methane. If a response factor less than 10 cannot be achieved using methane, then the instrument may be calibrated with one of the VOC to be measured or any other VOC so long as the instrument has a response factor of less than 10 for each of the VOC to be measured.

Replaced components shall be re-monitored within 15 days of being placed back into VOC service.

- G. Except as may be provided for in the special conditions of this permit, all pump and compressor seals shall be monitored with an approved gas analyzer at least quarterly or be equipped with a shaft sealing system that prevents or detects emissions of VOC from the seal. Seal systems designed and operated to prevent emissions or seals equipped with an automatic seal failure detection and alarm system need not be monitored. These seal

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systems may include (but are not limited to) dual pump seals with barrier fluid at higher pressure than process pressure, seals degassing to vent control systems kept in good working order, or seals equipped with an automatic seal failure detection and alarm system. Submerged pumps or sealless pumps (including, but not limited to, diaphragm, canned, or magnetic-driven pumps) may be used to satisfy the requirements of this condition and need not be monitored.

- H. Damaged or leaking valves or connectors found to be emitting VOC in excess of 500 ppmv or found by visual inspection to be leaking (e.g., dripping process fluids) shall be tagged and replaced or repaired. Damaged or leaking pump and compressor seals found to be emitting VOC in excess of 2,000 ppmv or found by visual inspection to be leaking (e.g., dripping process fluids) shall be tagged and replaced or repaired. A first attempt to repair the leak must be made within 5 days. Records of the first attempt to repair shall be maintained.
- I. Every reasonable effort shall be made to repair a leaking component, as specified in this paragraph, within 15 days after the leak is found. If the repair of a component would require a unit shutdown that would create more emissions than the repair would eliminate, the repair may be delayed until the next scheduled shutdown. All leaking components which cannot be repaired until a scheduled shutdown shall be identified for such repair by tagging within 15 days of the detection of the leak. A listing of all components that qualify for delay of repair shall be maintained on a delay of repair list. The cumulative daily emissions from all components on the delay of repair list shall be estimated by multiplying by 24 the mass emission rate for each component calculated in accordance with the instructions in 30 TAC 115.782 (c)(1)(B)(i)(II). The calculations of the cumulative daily emissions from all components on the delay of repair list shall be updated within ten days of when the latest leaking component is added to the delay of repair list. When the cumulative daily emission rate of all components on the delay of repair list times the number of days until the next scheduled unit shutdown is equal to or exceeds the total emissions from a unit shutdown as calculated in accordance with 30 TAC 115.782 (c)(1)(B)(i)(I), the TCEQ Regional Manager and any local programs shall be notified and may require early unit shutdown or other appropriate action based on the number and severity of tagged leaks awaiting shutdown. This notification shall be made within 15 days of making this determination.
- J. Records of repairs shall include date of repairs, repair results, justification for delay of repairs, and corrective actions taken for all components. Records of instrument monitoring shall indicate dates and times, test methods, and instrument readings. The instrument monitoring record

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shall include the time that monitoring took place for no less than 95% of the instrument readings recorded. Records of physical inspections shall be noted in the operator's log or equivalent.

- K. Alternative monitoring frequency schedules of 30 TAC §§ 115.352 through 115.359 or National Emission Standards for Organic Hazardous Air Pollutants, 40 CFR Part 63, Subpart H, may be used in lieu of Items F through G of this condition.

Compliance with the requirements of this condition does not assure compliance with requirements of 30 TAC Chapter 115, an applicable New Source Performance Standards (NSPS), or an applicable National Emission Standard for Hazardous Air Pollutants (NESHAPS) and does not constitute approval of alternative standards for these regulations.

33. Pump and compressor seals shall be monitored for fugitive leakage monthly rather than quarterly as specified by SC No. 32. The leak definitions, recordkeeping, and corrective actions of those conditions still apply to these components.
34. In addition to the weekly physical inspection required by Item E of SC No. 32, all accessible valve connectors in gas or vapor and light liquid service shall be monitored quarterly with an approved gas analyzer in accordance with Items F through J of SC No. 32.

In lieu of the monitoring frequency specified in the above paragraph, connectors may be monitored on a semiannual basis if the percent of connectors leaking for two consecutive quarterly monitoring periods is less than 0.5 percent.

Connectors may be monitored on an annual basis if the percent of connectors leaking for two consecutive semiannual monitoring periods is less than 0.5 percent.

If the percent of connectors leaking for any semiannual or annual monitoring period is 0.5 percent or greater, the facility shall revert to quarterly monitoring until the facility again qualifies for the alternative monitoring schedules previously outlined in the paragraph.

The percent of connectors leaking used in paragraph B shall be determined using the following formula:

$$(Cl + Cs) \times 100 / Ct = Cp$$

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Where:

- Cl = the number of connectors found leaking by the end of the monitoring period, either by Method 21 or sight, sound, and smell.
- Cs = the number of connectors for which repair has been delayed and are listed on the facility shutdown log.
- Ct = the total number of connectors in the facility subject to the monitoring requirements, as of the last day of the monitoring period, not including nonaccessible and unsafe-to-monitor connectors.
- Cp = the percentage of leaking connectors for the monitoring period.

35. Process Piping, Valves, Pumps, and Compressors in H₂S and Hydrogen Fluoride (HF) Service

This condition shall apply to all process streams with greater than 2 weight percent H₂S and all process streams with greater than 0.5 weight percent HF.

- A. Audio, olfactory, and visual checks for H₂S leaks within the operating area shall be made once a shift.
- B. Immediately, but no later than one hour upon detection of a leak, plant personnel shall take the following actions:
 - (1) Isolate the leak.
 - (2) Commence repair or replacement of the leaking component.
 - (3) If immediate repair is not possible, a leak collection or containment system will be used to prevent or minimize the leak or the facility shall be shutdown in an orderly manner until repair or replacement can be made. Containment can include adjustment of bolts, fittings, packing glands, and pump or compressor seals to contain the leak.

Records shall be maintained of all inspections, leaks noted, repairs, and replacements made. These records shall be maintained at the plant site for a period of five years and shall be made immediately available at the request of TCEQ personnel.

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Wastewater Collection and Treatment

36. The wastewater collection and treatment system shall comply with the requirements of this permit and with the requirements for wastewater systems in 40 CFR Part 60, Subparts A and QQQ, except as described in the following sentence. Components for which construction, modification, or reconstruction has not commenced after May 4, 1987, in the process units that follow, shall comply with the requirements of this permit and with the requirements of applicable State regulations, but are exempt from 40 CFR Part 60, Subparts A and QQQ.

Process Unit	
Heavy Oil Cracker	Vacuum Unit
HDS Unit	HF Alky Unit
SMR Unit	Boilerhouse
Crude Unit	SWS/Amine
SRU/Sulften	Tank Farm

37. The wastewater collection systems which are routed to a control device shall comply with the following requirements:
- A. Process wastewater drains shall be equipped with water seals or equivalent. Lift stations, manholes, junction boxes, any other wastewater collection system components, conveyance, storage, and treatment system to the biological treatment unit shall be equipped with a closed vent system that routes all organic vapors to an API Separator Combustor or a back-up CAS.
 - B. Water seals shall be checked by visual or physical inspection quarterly for indications of low water levels or other conditions that would reduce the effectiveness of water seal controls. Water seals shall be restored as necessary within 24 hours. Records shall be maintained of these inspections and of corrective actions taken.
38. The daily wastewater flow into the wastewater treatment plant shall be monitored and recorded. The rolling 12-month wastewater flow shall be totaled on a monthly basis.
39. The minimum mixed liquor total suspended solids (MLSS) concentration in the aeration basins on a daily average basis shall not be less than 2000 mg/L. The MLSS concentration is the arithmetic average of all samples collected during the 24-hour period. The MLSS concentrations shall be monitored and recorded daily using Method 160.2 (Methods for Chemical Analysis of Water and Wastes, EPA-

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600/4-79-020 or Method 2540D (Standard Methods of the Examination of Water and Wastewater, 18th Edition, American Public Health Association).

40. Reserved.

Compliance Testing

41. The permit holder shall perform stack sampling and other testing as required to establish the actual pattern and quantities of air contaminants being emitted into the atmosphere from all heaters and boilers with firing rates greater than 40 MMBtu/hr, Scot Tail Gas Incinerator (EPN 121 or 121a), Sulften Tail Gas Incinerator (EPN 121 or 121a), Caustic Scrubber (EPN 121), Marine Loading VRU (EPN VRU), and Vapor Combustors (EPNs TRUCKCOMB and 124), to demonstrate compliance with the maximum allowable emissions rate table (MAERT). Sampling shall be performed upstream and downstream of the SMR condensate stripper vent condenser to demonstrate compliance with SC No. 48. The permit holder is responsible for providing sampling and testing facilities and conducting the sampling and testing operations at his expense. Sampling shall be conducted in accordance with the appropriate procedures of the TCEQ Sampling Procedures Manual and the U.S. Environmental Protection Agency (EPA) Reference Methods.

Requests to waive testing for any pollutant specified in this condition shall be submitted to the TCEQ Office of Air, Air Permits Division. Test waivers and alternate/equivalent procedure proposals for 40 CFR Part 60 testing which must have EPA approval shall be submitted to the TCEQ Regional Director.

- A. The appropriate TCEQ Regional Office shall be notified not less than 30 days prior to sampling.

The notice shall include:

- (1) Proposed date for pretest meeting.
- (2) Date sampling will occur.
- (3) Name of firm conducting sampling.
- (4) Type of sampling equipment to be used.
- (5) Method or procedure to be used in sampling.
- (6) Description of any proposed deviation from the sampling procedures specified in this permit or TCEQ/EPA sampling procedures.

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- (7) Procedure/parameters to be used to determine worst case emissions, such as production rate, to set operating parameters and limits to be monitored during the sampling period.

The purpose of the pretest meeting is to review the necessary sampling and testing procedures, to provide the proper data forms for recording pertinent data, and to review the format procedures for the test reports.

- B. Air contaminants emitted from the heaters and boilers to be tested for include (but are not limited to) nitrogen oxide (NO_x) and carbon monoxide (CO).

Air contaminants emitted from the caustic scrubber to be tested for include (but are not limited to) sulfur dioxide (SO₂), NO_x, PM (both front and back-half of the sampling train), sulfuric acid, and CO. Stack testing of the Belco Scrubber (EPN 121) shall be accomplished by temporarily routing the Sulften and Scot Tail gas to EPN 121a. The sulfuric acid mist stack sample shall be performed using both TCEQ Method 24 and EPA Method 8. The lower of the two sampling results may be used to demonstrate compliance.

Air contaminants emitted from the Sulften and Scot tail gas incinerators to be tested for include (but are not limited to) SO₂, NO_x, CO, PM (both front and back half of the sampling train), and total reduced sulfur.

Air contaminants emitted from the vapor combustors to be tested for include (but are not limited to) VOC, NO_x, and CO.

Air contaminants to be tested for the SMR condensate stripper vent condenser include methanol.

- C. Requests for additional time to perform sampling shall be submitted to the TCEQ Corpus Christi Regional Office. Additional time to comply with the applicable requirements of 40 CFR Part 60 and 40 CFR Part 61 requires the EPA approval. Sampling of air contaminants shall occur as follows:

- (1) Air contaminants monitored with a CEMS or predictive emission monitoring system (PEMS) as specified under SC No. 42 shall be sampled to support CEMS or PEMS operation as required by that condition.
- (2) Sampling of air contaminants not monitored by continuous emission monitoring system (CEMS) PEMS under SC No. 42 shall occur as follows:

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- (a) Within 180 days of the issuance of this permit unless the emission point had been sampled within the last 5 years.
 - (b) Each emission point shall be sampled within 60 days of achieving maximum operation, not to exceed 180 days after initial operation, if new burners have been installed or if an operational change has been made allowing emissions to increase more than 10 percent greater than determined by the last stack sample.
 - (c) Each emission point shall be sampled as may be required by the Executive Director of the TCEQ.
- D. The facility shall operate at maximum production rates during stack emission testing. Primary operating parameters that enable determination of production rates shall be monitored and recorded during the stack test. Any additional parameters shall be determined at the pretest meeting and shall be stated in the sampling report. Permit conditions and parameter limits may be waived during stack testing performed under this condition if the proposed condition/parameter range is identified in the test notice specified in paragraph A and accepted by the TCEQ Regional Office. Permit allowable emissions and emission control requirements are not waived and still apply during stack testing periods.

During subsequent operations, if an operating parameter as determined in the previous paragraph is greater than that recorded during the test period, stack sampling shall be performed at the new operating conditions within 120 days. This sampling may be waived by the TCEQ Air Section Manager for the Region.
- E. One copy of the final sampling report shall be forwarded to the TCEQ within 60 days after sampling is completed. Sampling reports shall comply with the attached conditions of Chapter 14 of the TCEQ Sampling Procedures Manual. The reports shall be distributed as follows:

One copy to the TCEQ Corpus Christi Regional Office.

Continuous Determination of Compliance

- 42. The holder of this permit shall install, calibrate, and maintain a CEMS to measure and record the in-stack concentration of VOC from the marine VRU; CO, NO_x, and O₂ from the heaters and boilers with firing rates greater than 100 MMBtu/hr; SO₂ and O₂ from the SRU/Sulften Tail Gas Incinerator (exhausts to EPN 121 or 121a); SO₂ and O₂ from the SRU/Scot Tail Gas Incinerator (exhausts

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to EPN 121 or 121a), and NO_x, CO, O₂, and SO₂ from the Caustic Scrubber (exhausts to EPN 121). The monitoring system shall meet either the following section of Requirements for CEMS or the section Requirements for PEMS, as applicable.

Requirements for CEMS

- A. The CEMS shall meet the design and performance specifications, pass the field tests, and meet the installation requirements and the data analysis and reporting requirements specified in the applicable Performance Specification Nos. 1 through 7, 40 CFR Part 60, Appendix B. If there are no applicable performance specifications in 40 CFR Part 60, Appendix B, contact the TCEQ Office of Air, Air Permits Division for requirements to be met.
- B. Section 1 below applies to sources subject to the quality-assurance requirements of 40 CFR Part 60, Appendix F; section 2 applies to all other sources:
 - (1) The permit holder shall assure that the CEMS meets the applicable quality-assurance requirements specified in 40 CFR Part 60, Appendix F, Procedure 1. Relative accuracy exceedances, as specified in 40 CFR Part 60, Appendix F, § 5.2.3 and any CEMS downtime shall be reported to the appropriate TCEQ Regional Manager, and necessary corrective action shall be taken. Supplemental stack concentration measurements may be required at the discretion of the appropriate TCEQ Regional Manager.
 - (2) The system shall be zeroed and spanned daily, and corrective action taken when the 24-hour span drift exceeds two times the amounts specified in the applicable Performance Specification Nos. 1 through 9, 40 CFR Part 60, Appendix B, or as specified by the TCEQ if not specified in Appendix B. Zero and span is not required on weekends and plant holidays if instrument technicians are not normally scheduled on those days, unless the monitor is required by a subpart of NSPS or NESHAPS, in which case zero and span shall be done daily without exception.

Each monitor shall be quality-assured at least quarterly using Cylinder Gas Audits (CGA) in accordance with 40 CFR Part 60, Appendix F, Procedure 1, Section 5.1.2, with the following exception: a relative accuracy test audit (RATA) is **not** required once every four quarters (i.e., four successive quarterly CGA may be conducted). An equivalent quality-assurance method approved by

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the TCEQ may also be used. Successive quarterly audits shall occur no closer than two months.

All CGA exceedances of ± 15 percent accuracy indicate that the CEMS is out of control.

- C. The monitoring data shall be reduced to hourly average concentrations at least once weekly, using a minimum of four equally-spaced data points from each one-hour period. The individual average concentrations shall be reduced to units of the permit allowable emission rate in pounds/hr at least once every week and cumulative tons per year (TPY) on a 12-month rolling average at least once every month.
- D. All monitoring data and quality-assurance data shall be maintained by the source for a period of five years and shall be made available to the TCEQ Executive Director or his designated representative upon request. The data from the CEMS may, at the discretion of the TCEQ, be used to determine compliance with the conditions of this permit.
- E. All cylinder gas audit exceedances of ± 15 percent accuracy and any CEMS downtime associated with emissions from EPNs 121 and 121a shall be reported to the appropriate TCEQ Regional Director within three days of any downtime, and necessary corrective action shall be taken. If the CEMS downtime for a specific emission point occurs when emissions are not being routed to that stack, that time period shall not be considered reportable CEMS downtime for the purposes of this special condition. Exceedances at other emission points shall be reported in Semiannual Excess Emission Reports. Supplemental stack concentration measurements may be required at the discretion of the appropriate TCEQ Regional Director.
- F. The appropriate TCEQ Regional Office shall be notified at least 30 days prior to any required RATA in order to provide them the opportunity to observe the testing.
- G. Quality-assured (or valid) data must be generated when each emitting facility is operating, except during the performance of a daily zero and span check. Loss of valid data due to periods of monitor break down, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted, provided that it does not exceed 5 percent of the time (in minutes) that the facility operated over the previous rolling 12-month period. The measurements missed shall be estimated using engineering judgement and the methods used recorded. Options to increase system reliability to an acceptable value, including a redundant CEMS, may be required by the TCEQ Regional Manager.

Requirements for PEMS

- A. A PEMS may be used for demonstrating continuous compliance if it can be proven to have the same or better accuracy, precision, reliability, accessibility, and timeliness as that provided by a hardware CEMS. All PEMS shall be subject to the approval of the TCEQ Executive Director. Owners or operators must petition the TCEQ Executive Director for approval to use PEMS. The petition must include results of tests conducted beforehand to demonstrate equivalent accuracy and precision of PEMS to that of hardware CEMS. Demonstrating equivalency of PEMS to CEMS shall be met by instantaneously comparing data collected by PEMS with that collected by a certified hardware CEMS or an EPA reference method. For a PEMS replacing a CEMS, both systems shall remain in place for at least an operating quarter collecting valid information before the CEMS is removed.
- B. For any unit at which the PEMS is installed, PEMS initial certification by the TCEQ shall occur while the unit is firing its primary fuel. The owner or operator shall:

- (1) Conduct relative accuracy testing for NO_x, O₂, or carbon dioxide (CO₂) and CO per 40 CFR Part 60, Appendix B, Performance Specifications 2, 3, and 4, respectively, at low, medium, and high levels of the most significant operating parameter affecting NO_x emissions.
- (2) Conduct statistical test analysis at low, medium, and high levels of the most significant operating parameter affecting NO_x emissions. A minimum of 30 successive paired data points which are either 15-minute averages, 20 minute averages, or hourly averages must be collected at each tested level before a reliable statistical test can be performed.

Data collection must be continuous at all times except when calibration of the reference method must be conducted for the purpose of collecting data for RATA.

The following three tests must be conducted to demonstrate precision:

- (a) A T-test for bias per Appendix A, 40 CFR Part 75, § 7.6. The test shall be conducted using all paired data points collected at all three tested levels.

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- (b) An F-test per 40 CFR § 75.41(c)(1). The F-test must be conducted separately at the three tested levels.
 - (c) A correlation analysis per 40 CFR § 75.41(c)(2). Calculation of the correlation coefficient (Equation 27) shall be performed using all paired data points collected at all three tested levels.
 - (3) For either NO_x or CO and for the purpose of conducting an F-test, if the standard deviation (SD) of the reference method is less than either 3 percent of the span or 5 ppm, use a reference method SD of the greater of 5 ppm or 3 percent of span.
 - (4) For diluent CO₂ or O₂ and for the purpose of conducting an F-test, if the SD of the reference method is less than 3 percent of span, use a reference method SD of 3 percent of span.
 - (5) For either NO_x or CO and at any one tested level, if the mean value of the reference method is less than either 10 ppm or 5 percent of the standard, all statistical tests are waived for that emission parameter at that specific tested level.
 - (6) For either O₂ or CO₂ and at any one tested level, if the mean value of the reference method is less than 3 percent of span, all the statistical tests are waived for that diluent parameter at that specific tested level.
- C. The monitoring data shall be reduced to hourly average concentrations at least once every day, using a minimum of four equally-spaced data points from each one hour period. The individual average concentrations shall be reduced to units of the permit allowable emission rate in lbs/hr at least once every day and cumulative TPY on a 12 month rolling average at least once every month.
- D. All monitoring data and quality-assurance data shall be maintained by the permit holder for a period of five years and shall be made available to the TCEQ Executive Director or designated representative upon request.
- E. Any PEMS downtime shall be reported to the appropriate TCEQ Regional Director within three days of any downtime, and necessary corrective action shall be taken. Quality-assured (or valid) data must be generated when each emitting facility is operating, except during the performance of a daily zero and span check. Loss of valid data due to periods of monitor break down, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed

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5 percent of the time (in minutes) that the facility operated over the previous rolling 12 month period. Owners or operators shall demonstrate that all missing data can be accounted for in accordance with the applicable missing data procedures of 40 CFR Part 75, Subpart D. Supplemental stack concentration measurements may be required at the discretion of the appropriate TCEQ Regional Director.

- F. The appropriate TCEQ Regional Office shall be notified at least 30 days prior to each annual RATA in order to provide them the opportunity to observe the testing.
- G. The owner or operator shall perform daily sensor validation. The owner or operator shall develop and implement plans that will ensure proper functioning of the monitoring systems, ensure proper accuracy and calibration of all operational parameters that affect emissions and serve as input to the predictive monitoring system, and ensure continuous operation within the certified operating range.
- H. In accordance with the procedure of § 2.3.1, Appendix B of 40 CFR Part 60, a RATA must be performed every six months for each unit while firing its primary fuel. A RATA may be performed annually if the relative accuracy of the previous audit is 7.5 percent or less.
- I. For each of the three successive quarters following the quarter in which initial certification was conducted, RATA and statistical testing must be conducted for at least one unit in a category of units in accordance with the procedures outlined for initial certification under Section B.
- J. Any RATA exceeding 20 percent or statistical test exceeding the applicable standard shall be reported to the appropriate TCEQ Regional Director, and necessary corrective action shall be taken.
- K. When an alternative fuel is fired in a unit, PEMS must be re-certified in accordance with the certification procedures outlined for initial certification under Section B. Owners or operators may justify to the satisfaction of the TCEQ Executive Director that slight changes in fuel composition do not constitute an alternative fuel. No additional recertification procedures are required if the unit meets the current monitoring requirements when switching back to the normal fuel from an alternate fuel.
- L. The system is required to provide valid emission predictions for at least 95 percent of the time that the unit being monitored is operated. The following rules for tuning without recertification shall be followed:

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- (1) The model did not change fundamentally.
- (2) The model continues to operate within the initially certified operating ranges.

Otherwise, the system must be recertified. Any tuning must be documented, and the records must be made available during any future inspection.

- M. All owners or operators shall develop a quality-assurance plan or manual that insures continuous and reliable performance of the PEMS. As part of the plan, owners or operators shall recommend a frequency for calibrating each sensor whose readout serves as an input to the model. All sensors, at a minimum, shall be calibrated as often as recommended by the manufacturer.
43. Pollutant concentrations at the outlet from the Caustic Scrubber (exhausts to EPN 121) shall not exceed the following values at dry conditions, 0 percent O₂:

Pollutant	Maximum Allowable	Averaging Period
SO ₂	50 ppm	1.0 hour
SO ₂	25 ppm	Annual
CO	500 ppm	1.0 hour
NO _x	150 ppm	1.0 hour

Pollutant concentrations at the outlet from the SCOT Stack (EPN 121a) shall not exceed the following values at dry conditions, 0 percent O₂:

Pollutant	Maximum Allowable	Averaging Period
SO ₂	250 ppm	1.0 hour
CO	332 ppm	1.0 hour
NO _x	50 ppm	1.0 hour

44. The continuous monitoring data will be used to determine violations of the limitations in this permit. For purposes of enforcement, the following averaging periods shall be utilized unless otherwise specified in this permit with respect to a specific emission point and pollutant:

Pollutant	Averaging Period
SO ₂	1.0 hour
CO	1.0 hour
H ₂ S	1.0 hour
Opacity	6.0 minutes
NO _x	1.0 hour

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HF Control Measures

45. The HF detection paint shall be used on all potential fugitive sources and possible leak sites. Locations with HF detection paint shall be inspected every shift during the audio, visual, and olfactory checks required by SC No. 35. If leaks are detected, corrective action shall be taken immediately as described in SC No. 35. If there is a problem with HF sensitive paint availability, the holder of this permit shall notify the TCEQ Corpus Christi Regional Office and request additional time for painting or request alternate leak detection methods pending availability of the HF sensitive paint.
46. In the event of an HF release which may have the potential for off-site impacts, the holder of this permit shall implement the procedures outlined in the emergency response plans.
47. There shall be no overhead work in the HF process unit where equipment is being lifted over unprotected vessels or lines without first completing a safe work checklist in accordance with Occupational Safety and Health Administration Process Safety Management rules. The safe work checklist shall be used to ensure that every effort is made to minimize the potential for an accident that would result in loss of integrity of HF-containing equipment.

The holder of this permit is required to notify the TCEQ Corpus Christi Regional Office no less than eight hours prior to conducting work over unprotected vessels or lines containing more than 5 percent by weight HF.

Miscellaneous

48. The SMR stripper vent condenser shall collect 98 percent of the methanol in the stripper vent on an hourly averaging period. The stripper exhaust gas temperature shall be maintained below that maintained during the most recent stack sample following the initial stack test.

The condenser exhaust gas temperature shall be continuously monitored and recorded when the stripper is operating. The temperature measurement device shall reduce the temperature readings to an averaging period of six minutes or less and record it at that frequency. The temperature measurement device shall be installed, calibrated, and maintained according to accepted practice and the manufacturer's specifications. The device shall have an accuracy of the greater of ± 0.75 percent of the temperature being measured expressed in degrees Celsius or $\pm 2.5^{\circ}\text{C}$.

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49. Flares: BUP Flare, Main Flare and Ground Flare shall be operated in accordance with the New Source Performance Standards for Petroleum Refineries, 40 CFR Part 60 Subpart J as specified in their Consent Decree SA-05-CA-0569 with the EPA.
50. Per US EPA Consent Decree SA-05-CA-0569, after December 31, 2008 the maximum allowable emission limit of NO_x from the West Plant Heavy Oil Cracker (HOC) (EPN 121) shall not exceed 37 ppmv (dry, 0 percent oxygen basis) on a 365-day rolling average and shall not exceed 74 ppmv (dry, 0 percent oxygen basis) on a 7-day rolling average.

Maintenance, Startup, and Shutdown

51. Planned startup and shutdown emissions due to the activities identified in SC No. 52 are authorized from facilities and emission points identified in Attachment 1, Boiler 30-B-03 (EPN: 163) in Permit 20740, the Xylene Splitter Reboiler Heater 49-H-91 (EPN: 49-H-91) in Permit 20992, emission points identified in SC No. 16 in Permit 106965, and emission points identified in SC No. 21 in Permit 109543, provided the facility and emissions are compliant with the routine emission caps and SC No. 62 of this permit. **(02/14)**
52. This permit authorizes the emissions for the planned MSS activities summarized in the MSS Activity Summary (Attachment 4) attached to this permit. This permit also authorizes emissions from the following temporary facilities used to support planned MSS activities at permanent site facilities: frac tanks, containers, vacuum trucks, facilities used for painting or abrasive blasting, portable control devices identified in SC 63, and controlled recovery systems. Emissions from temporary facilities are authorized provided the temporary facility (a) does not remain on the plant site for more than 12 consecutive months, (b) is used solely to support planned MSS activities at the permanent site facilities listed in Attachment 1, and (c) does not operate as a replacement for an existing authorized facility.

Attachment 2 identifies the inherently low emitting MSS activities that may be performed at the refinery. Emissions from activities identified in Attachment 2 shall be considered to be equal to the potential to emit represented in the permit application. The estimated emissions from the activities listed in Attachment 2 must be revalidated annually. This revalidation shall consist of the estimated emissions for each type of activity and the basis for that emission estimate.

Routine maintenance activities, as identified in Attachment 3 may be tracked through the work orders or equivalent. Emissions from activities identified in Attachment 3 shall be calculated using the number of work orders or equivalent that month and the emissions associated with that activity identified in the permit application.

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The performance of each planned MSS activity not identified in Attachments 2 or 3 and the emissions associated with it shall be recorded and include at least the following information:

- A. the process unit at which emissions from the MSS activity occurred, including the emission point number and common name of the process unit;
- B. the type of planned MSS activity and the reason for the planned activity;
- C. the common name or the facility identification number, if applicable, of the facilities at which the MSS activity and emissions occurred;
- D. the date on which the MSS activity occurred;
- E. the estimated quantity of each air contaminant, or mixture of air contaminants, emitted with the data and methods used to determine it. The emissions shall be estimated using the methods identified in the permit application, consistent with good engineering practice.

All MSS emissions shall be summed monthly and the rolling 12-month emissions shall be updated on a monthly basis.

- 53. Process units and facilities, with the exception of those identified in SC Nos. 56 (related to Floating Roof Tanks), 57 (related to Fixed Roof Tanks), 59 (related to frac or temporary tanks), and activities listed in Attachment 2, shall operate in accordance with the following requirements during MSS.
 - A. The process equipment shall be depressurized to a control device or a controlled recovery system prior to venting to atmosphere, degassing, or draining liquid. Equipment that only contains material that is liquid with VOC true vapor pressure (TVP) less than 0.50 psi at the normal process temperature and 95°F may be opened to atmosphere and drained in accordance with paragraph C of this special condition without depressuring or degassing to a control device. The vapor pressure at 95°F may be used if the actual temperature of the liquid is verified to be less than 95°F and the temperature is recorded.
 - B. If mixed phase materials must be removed from process equipment, the cleared material shall be routed to a knockout drum or equivalent to allow for managed initial phase separation. If the VOC TVP is greater than 0.50 psi at either the normal process temperature or 95°F, any vents in the system must be routed to a control device or a controlled recovery system. The vapor pressure at 95°F may be used if the actual temperature of the

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liquid is verified to be less than 95°F and the temperature is recorded. Control must remain in place until degassing has been completed or the system is no longer vented to atmosphere.

- C. All liquids from process equipment shall be removed to the maximum extent practical prior to opening equipment to commence degassing and/or maintenance. Liquids with a VOC partial pressure greater than or equal to 0.044 psia at 68°F shall be drained into a closed vessel or to a controlled oily water system, unless prevented by the physical configuration of the equipment. If it is necessary to drain liquid into an open pan or sump, the liquid shall be covered or transferred to a covered vessel within one hour of being drained. After draining is complete, empty open pans may remain in use for housekeeping reasons to collect incidental drips.
- D. If the VOC TVP is greater than 0.50 psi at the normal process temperature or 95°F, facilities shall be degassed using good engineering practice to ensure air contaminants are removed from the system through the control device or controlled recovery system to the extent allowed by process equipment or storage vessel design. The vapor pressure at 95°F may be used if the actual temperature of the liquid is verified to be less than 95°F and the temperature is recorded.

The following requirements do not apply to fugitive components, pumps, compressors.

- (1) For MSS activities identified in Attachment 3, the following option may be used in lieu of (2) below. The facilities being prepared for maintenance shall not be vented directly to atmosphere, except as necessary to verify an acceptable VOC concentration and establish isolation of the work area, until the VOC concentration has been verified to be less than 10 percent of the lower explosive limit (LEL) per the site safety procedures.
- (2) The locations and/or identifiers where the purge gas or steam enters the process equipment or storage vessel and the exit points for the exhaust gases shall be recorded (PFD's, P&ID's, or Turnaround and Inspection [T&I] plans may be used to demonstrate compliance with the requirement). Documented refinery procedures used to deinventory equipment to a control device for safety purposes (i.e., hot work or vessel entry procedures) that achieve at least the same level of purging may be used in lieu of the above. If the process equipment is purged with a gas, purge gas must have passed through the control device or controlled recovery system for a sufficient period of time in accordance with the

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applicable site operating procedures before the vent stream may be sampled to verify acceptable VOC concentration prior to uncontrolled venting. The VOC sampling and analysis shall be performed using an instrument meeting the requirements of SC No. 54. The sampling point shall be upstream of the inlet to the control device or controlled recovery system. The sample ports and the collection system must be designed and operated such that there is no air leakage into the sample probe or the collection system downstream of the process equipment or vessel being purged. The facilities shall be degassed to a control device or controlled recovery system until the VOC concentration is less than or equal to 10,000 ppmv or 10 percent of the LEL.

- (3) Alternatively, the process equipment may filled with a liquid with a VOC vapor pressure less than 0.147 psi while venting to control. If it can be verified that the liquid filled the entire process equipment or vessel, no sampling is necessary. If not, the VOC concentration shall be verified to be less than 10,000 ppmv or 10 percent of the LEL using an instrument meeting the requirements of SC No. 54 while purging to control immediately after draining the liquid from the system. The locations and/or identifiers where the liquid enters the process equipment or storage vessel and the exit points for the exhaust gases shall be recorded (PFDs, P&IDs, or T&I plans may be used to demonstrate compliance with the requirement).

E. Equipment containing materials with VOC TVP greater than 0.50 psi may be vented directly to atmosphere if all the following criteria are met:

- (1) It is not technically practicable to depressurize or degas, as applicable, into the process.
- (2) There is not an available connection to a plant control system (flare).
- (3) There is no more than 50 lb of air contaminants to be vented to atmosphere during a each shutdown or startup of a piece of equipment, as applicable.

All instances of venting directly to atmosphere per SC No. 53.D must be documented when occurring as part of any MSS activity. The emissions associated with venting without control must be included in the work order, shift logs, or equivalent for those planned MSS activities identified in Attachment 3.

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54. Air contaminant concentration shall be measured using an instrument/detector meeting one set of requirements specified below.
- A. The VOC concentration shall be measured using an instrument meeting all the requirements specified in EPA Method 21 (40 CFR Part 60, Appendix A) with the following exceptions:
- (1) The instrument shall be calibrated within 24 hours of use with a calibration gas. The calibration gas used and its concentration, and the vapor to be sampled and its approximate response factor (RF), shall be recorded. If the RF of the VOC (or mixture of VOCs) to be monitored is greater than 2.0, the VOC concentration shall be determined as follows:

$$\text{VOC Concentration} = \text{Concentration as read from the instrument} \times \text{RF}$$
 - (2) Sampling shall be performed as directed by this permit in lieu of section 8.3 of Method 21. During sampling, data recording shall not begin until after two times the instrument response time. The date and time shall be recorded, and VOC concentration shall be monitored for at least 5 minutes and the greatest VOC concentration recorded. This VOC concentration shall not exceed the specified VOC concentration limit prior to uncontrolled venting.
 - (3) If a TVA-1000 series FID analyzer calibrated with methane is used to determine the VOC concentration, a measured concentration of 34,000 ppmv may be considered equivalent to 10,000 ppmv as VOC.
- B. Colorimetric gas detector tubes may be used to determine air contaminant concentrations if they are used in accordance with the following requirements.
- (1) The air contaminant concentration measured is less than 80 percent of the range of the tube. If the maximum range of the tube is greater than the release concentration defined in (3), the concentration measured is at least 20 percent of the maximum range of the tube.
 - (2) The tube is used in accordance with the manufacturer's guidelines.
 - (3) At least 2 samples taken at least 5 minutes apart must satisfy the following prior to uncontrolled venting:

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measured contaminant concentration (ppmv) < release concentration.

Where the release concentration is:

10,000*mole fraction of the total air contaminants present that can be detected by the tube.

The mole fraction may be estimated based on process knowledge. The release concentration and basis for its determination shall be recorded.

Records shall be maintained of the tube type, range, measured concentrations, and time the samples were taken.

- C. Lower explosive limit measured with a lower explosive limit detector.
 - (1) The detector shall be calibrated monthly with a certified pentane gas standard at 25 percent of the lower explosive limit (LEL) for pentane. Records of the calibration date/time and calibration result (pass/fail) shall be maintained.
 - (2) A daily functionality test shall be performed on each detector using the same certified gas standard used for calibration. The LEL monitor shall read no lower than 90 percent of the calibration gas certified value. Records, including the date/time and test results, shall be maintained.
 - (3) A certified methane gas standard equivalent to 25 percent of the LEL for pentane may be used for calibration and functionality tests provided that the LEL response is within 95 percent of that for pentane.
 - D. For measuring benzene breakthrough on Carbon Adsorption Systems in SC No. 63.A.(4), a portable gas chromatograph using a flame ionization detector or photo ionization detector may be used. Alternatively a photo-ionization detector equipped with a benzene separation tube consistent with manufacturer requirements may be used. The monitor shall have the sensitivity and specificity to quantify low level benzene concentrations. The monitor device shall be calibrated within 24 hours of use with a certified calibration gas containing ~5 ppm benzene. Records of the calibration date/time and calibration result shall be maintained.
55. If the removal of a component for repair or replacement results in an open ended line or valve, the open ended line is exempt from any New Source Review (NSR)

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permit condition requirement to install a cap, blind flange, plug, or second valve for 72 hours. If the repair or replacement is not completed within 72 hours, the permit holder must complete either of the following actions within that time period;

- A. a cap, blind flange, plug, or second valve must be installed on the line or valve, or demonstrate that the line, valve, component, etc, has been double blocked from the process; or
 - B. the permit holder shall verify that there is no leakage from the open-ended line or valve. The open-ended line or valve shall be monitored on a weekly basis in accordance with the applicable NSR permit condition for fugitive emission monitoring except that a leak is defined as any VOC reading greater than background. Leaks must be repaired within 24 hours or a cap, blind flange, plug, or second valve must be installed on the line or valve. The results of this weekly check and any corrective actions taken shall be recorded.
56. This permit authorizes emissions from the storage tanks identified in Attachment 1 during planned floating roof landings. Tank floating roofs may only be landed for changes of tank service or tank inspection/maintenance as identified in the permit application, except when the VOC vapors below the floating roof are routed to a control device or a controlled recovery system while the roof is landed. Tank change of service includes landings to accommodate seasonal RVP spec changes and landings to correct off-spec material that cannot be blended into finished product tanks. Tank roof landings include all operations when the tank floating roof is on its supporting legs. These emissions are subject to the maximum allowable emission rates indicated on the MAERT. The following requirements apply to tank roof landings.
- A. The tank liquid level shall be continuously lowered after the tank floating roof initially lands on its supporting legs until the tank has been drained to the maximum extent practicable without entering the tank. Liquid level may be maintained steady for a period of up to two hours if necessary to allow for valve lineups and pump changes necessary to drain the tank. This requirement does not apply where the vapor under a floating roof is routed to control during this process.
 - B. If the VOC TVP of the liquid previously stored in the tank is greater than 0.50 psi at 95°F tank refilling or degassing of the vapor space under the landed floating roof must begin within 24 hours after the tank has been drained. Floating roof tanks with liquid capacities less than 100,000 gallons may be degassed without control if the VOC TVP of the standing liquid in the tank has been reduced to less than 0.02 psia prior to

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ventilating the tank. Controlled degassing of the vapor space under landed roofs shall be completed as follows:

- (1) Any gas or vapor removed from the vapor space under the floating roof must be routed to a control device or a controlled recovery system and controlled degassing must be maintained until the VOC concentration is less than 10,000 ppmv or 10 percent of the LEL. The locations and identifiers of vents other than permanent roof fittings and seals, control device or controlled recovery system, and controlled exhaust stream shall be recorded. There shall be no other gas/vapor flow out of the vapor space under the floating roof when degassing to the control device or controlled recovery system.
 - (2) The vapor space under the floating roof shall be vented using good engineering practice to ensure air contaminants are flushed out of the tank through the control device or controlled recovery system to the extent allowed by the storage tank design.
 - (3) A volume equivalent to twice the volume of the vapor space under the floating roof must have passed through the control device or into a controlled recovery system, before the vent stream may be sampled to verify acceptable VOC concentration. The volume measurement shall not include any make-up air introduced into the control device or recovery system. The VOC sampling and analysis shall be performed as specified in SC No. 54.
 - (4) The sampling point shall be upstream of the inlet to the control device or controlled recovery system. The sample ports and the collection system must be designed and operated such that there is no air leakage into the sample probe or the collection system downstream of the process equipment or vessel being purged.
 - (5) If ventilation is to be maintained with emission control, the VOC concentration shall be recorded once an hour.
 - (6) Degassing must be performed every 24 hours unless there is no standing liquid in the tank or the VOC TVP of the remaining liquid in the tank is less than 0.15 psia.
- C. The tank shall not be opened except as necessary to set up for degassing and cleaning, or ventilated without control, until either all standing liquid has been removed from the tank or the liquid in the tank has a VOC TVP less than 0.02 psia. These criteria may be demonstrated in any one of the following ways.

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- (1) Low VOC TVP liquid that is soluble with the liquid previously stored may be added to the tank to lower the VOC TVP of the liquid mixture remaining in the tank to less than 0.02 psia. This liquid shall be added during tank degassing if practicable. The estimated volume of liquid remaining in the drained tank and the volume and type of liquid added shall be recorded. The liquid VOC TVP may be estimated based on this information and engineering calculations.
- (2) If water is added or sprayed into the tank to remove standing VOC, one of the following must be demonstrated:
 - (a) Take a representative sample of the liquid remaining in the tank and verify no visible sheen using the static sheen test from 40 CFR Part 435 Subpart A Appendix 1.
 - (b) Take a representative sample of the liquid remaining in the tank and verify hexane soluble VOC concentration is less than 1000 ppmw using EPA method 1664 (may also use 8260B or 5030 with 8015 from SW-846).
 - (c) Stop ventilation and close the tank for at least 24 hours. When the tank manway is opened after this period, verify VOC concentration is less than 1000 ppmv through the procedure in MSS SC No. 54.
- (3) No standing liquid verified through visual inspection.

The permit holder shall maintain records to document the method used to release the tank.

- D. Tanks shall be refilled as rapidly as practicable until the roof is off its legs unless the vapor space is routed to control during refilling except as required by SC No. 71.
- E. The occurrence of each roof landing and the associated emissions shall be recorded and the rolling 12-month tank roof landing emissions shall be updated on a monthly basis. These records shall include at least the following information:
 - (1) the identification of the tank and emission point number, and any control devices or recovery systems used to reduce emissions;
 - (2) the reason for the tank roof landing;

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- (3) for the purpose of estimating emissions, the date and time of each of the following events:
 - (a) the roof was initially landed,
 - (b) all liquid was pumped from the tank to the extent practical,
 - (c) start and completion of controlled degassing, and total volumetric flow,
 - (d) all standing liquid was removed from the tank or any transfers of low VOC TVP liquid to or from the tank including volumes and vapor pressures to reduce tank liquid VOC TVP to <0.02 psi,
 - (e) if there is liquid in the tank, VOC TVP of liquid, start and completion of uncontrolled degassing, and total volumetric flow,
 - (f) refilling commenced, liquid filling the tank, and the volume necessary to float the roof; and
 - (g) tank roof off supporting legs, floating on liquid;
 - (4) the estimated quantity of each air contaminant, or mixture of air contaminants, emitted between events (c) and (g) with the data and methods used to determine it. The emissions associated with roof landing activities shall be calculated using the methods described in Section 7.1.3.2 of AP-42 "Compilation of Air Pollution Emission Factors, Chapter 7 - Storage of Organic Liquids" dated November 2006 and the permit application.
- 57. Fixed-roof storage tanks shall not be ventilated without control, until either all standing liquid has been removed from the tank or the liquid in the tank has a VOC TVP less than 0.02 psia. This shall be verified and documented through one of the criteria identified in MSS SC No. 56.C. Storage tanks manways may be opened without emission controls when there is standing liquid with a VOC TVP greater than 0.02 psia as necessary to set up for degassing and cleaning. One manway may be opened to provide access to the tank when necessary to allow access to remove or de-volatilize the remaining liquid. The emission control system shall meet the requirements of SC Nos. 56.B.(1) through 56.B.(5) and records maintained per SC No. 56.E.(3)c through 56.E.(3)e, and 56.E.(4). Low vapor pressure liquid may be added to and removed from the tank as necessary to lower the vapor pressure of the liquid mixture remaining in the tank to less than 0.02 psia.

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58. The following requirements apply to vacuum and air mover truck operations at this site:
- A. Vacuum pumps and blowers shall not be operated on trucks containing or vacuuming liquids with VOC TVP greater than 0.50 psi at 95F unless the vacuum/blower exhaust is routed to a control device or a controlled recovery system.
 - B. Equip fill line intake with a “duckbill” or equivalent attachment if the hose end cannot be submerged in the liquid being collected.
 - C. A daily record containing the information identified below is required for each vacuum truck in operation at the site each day.
 - (1) Prior to initial use, identify any liquid in the truck. Record the liquid level and document that the VOC TVP is less than 0.50 psi if the vacuum exhaust is not routed to a control device or a controlled recovery system. After each liquid transfer, identify the liquid transferred and document that the VOC TVP is less than 0.50 psi if the vacuum exhaust is not routed to a control device or a controlled recovery system.
 - (2) For each liquid transfer made with the vacuum operating, record the duration of any periods when air may have been entrained with the liquid transfer. The reason for operating in this manner and whether a “duckbill” or equivalent was used shall be recorded. Short, incidental periods, such as those necessary to walk from the truck to the fill line intake, do not need to be documented.
 - (3) If the vacuum truck exhaust is controlled with a control device other than an engine or oxidizer, VOC exhaust concentration upon commencing each transfer, at the end of each transfer, and as required by SC No. 63, measured using an instrument meeting the requirements of MSS SC No. 54.
 - (4) The volume in the vacuum truck at the end of the day, or the volume unloaded, as applicable.
 - D. The permit holder shall determine the vacuum truck emissions each month using the daily vacuum truck records and the calculation methods utilized in the permit application. If records of the volume of liquid transferred for each pick-up are not maintained, the emissions shall be determined using the physical properties of the liquid vacuumed with the

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greatest potential emissions. Rolling 12 month vacuum truck emissions shall also be determined on a monthly basis.

- E. If the VOC TVP of all the liquids vacuumed into the truck is less than 0.10 psi, this shall be recorded when the truck is unloaded or leaves the plant site and the emissions may be estimated as the maximum potential to emit for a truck in that service as documented in the permit application. The recordkeeping requirements in SC Nos. 58.A through 58.D do not apply.
59. The following requirements apply to frac, or temporary, tanks and vessels used in support of MSS activities.
- A. Except for labels, logos, etc. not to exceed 15 percent of the tank/vessel total surface area, the exterior surfaces of these tanks/vessels that are exposed to the sun shall be white or aluminum effective May 1, 2013. This requirement does not apply to tanks/vessels that only vent to atmosphere when being filled.
 - B. These tanks/vessels must be covered and equipped with fill pipes that discharge within 6 inches of the tank/vessel bottom.
 - C. These requirements do not apply to vessels storing less than 25 barrels of liquid that are closed such that the vessel does not vent to atmosphere.
 - D. The permit holder shall maintain an emissions record which includes calculated emissions of VOC from all frac tanks during the previous calendar month and the past consecutive 12 month period. The record shall include tank identification number, dates put into and removed from service, control method used, tank capacity and volume of liquid stored in gallons, name of the material stored, VOC molecular weight, and VOC TVP at the estimated monthly average material temperature in psia. Filling emissions for tanks shall be calculated using the TCEQ publication titled "Technical Guidance Package for Chemical Sources - Loading Operations" and standing emissions determined using: the TCEQ publication titled "Technical Guidance Package for Chemical Sources Storage Tanks."
 - E. If the tank/vessel is used to store liquid with VOC TVP less than 0.10 psi at 95F, records may be limited to the days the tank is in service and the liquid stored. Emissions may be estimated based upon the potential to emit as identified in the permit application.
60. The term "true vapor pressure (TVP)" is used in lieu of the term "partial pressure" in this permit.

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61. The MSS activities represented in the permit application may be authorized under permit by rule only if the procedures, emission controls, monitoring, and recordkeeping are the same as those required by this permit.
62. All permanent facilities must comply with all operating requirements, limits, and representations in the permits identified in Attachment 1 during planned startup and shutdown unless alternate requirements and limits are identified in this permit. Alternate requirements for emissions from routine emission points are identified below:
 - A. Heaters, boilers, and furnaces are exempt from NO_x and CO operating requirements identified in other special conditions this permit during planned startup and shutdown if the following criteria are satisfied.
 - (1) The routine maximum allowable emission caps are not exceeded.
 - (2) The startup period does not exceed 8 hours in duration and the firing rate does not exceed 75 percent of the design firing rate. The time it takes to complete the shutdown does not exceed 4 hours.
 - (3) Control devices are started and operating properly when venting a waste gas stream.
 - B. The limits identified below apply to the operations of the specified facilities during startup and shutdown. All other routine operating limitations apply during planned startup and shutdown.
 - (1) The HOC startup period shall not exceed 50 hours and the hourly average CO concentration during this period shall not exceed 1200 ppmvd corrected to 0 percent oxygen. All HOC emissions during startup are in the MSS emission caps.
 - (2) The sulfur recovery requirements and SRU tail gas incinerator sulfur dioxide concentration limits in SC Nos. 23 and 43 do not apply during SRU startup. Operation in the hot standby mode shall be minimized. The SRU tailgas incinerator shall be operated in accordance with SC No. 25 during this period. A SRU incinerator shall not operate in this mode for more than 72 hours in any rolling 12 month period.
 - (3) Paragraph (2) of this condition does not apply when SRU vent gasses from a TGI are routed through the HOC caustic scrubber prior to being discharged to the atmosphere. This paragraph applies instead. The HOC caustic scrubber shall be monitored with a SO₂ CEMS.

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- C. A record shall be maintained indicating that the start and end times for each of the activities identified above occur and documentation that the requirements for each have been satisfied.
63. Control devices required by this permit for emissions from planned MSS activities are limited to those types identified in this condition. Control devices shall be operated with no visible emissions except periods not to exceed a total of five minutes during any two consecutive hours. Each device used must meet all the requirements identified for that type of control device.

Controlled recovery systems identified in this permit shall be directed to an operating refinery process or to a collection system that is vented through a control device meeting the requirements of this permit condition.

A. Carbon Adsorption System (CAS).

- (1) The CAS shall consist of 2 carbon canisters in series with adequate carbon supply for the emission control operation.
- (2) The CAS shall be sampled downstream on the first can and the concentration recorded at least once every hour of CAS run time to determine breakthrough of the VOC. The sampling frequency may be extended using either of the following methods:
 - (a) The CAS systems equipped with an upstream liquid scrubber may be sampled once every 12 hours of CAS run time to determine breakthrough.
 - (b) Sampling frequency may be extended to up to 30 percent of the minimum potential saturation time for a new can of carbon. The permit holder shall maintain records including the calculations performed to determine the minimum saturation time.
 - (c) The carbon sampling frequency may be extended to longer periods based on previous experience with carbon control of a MSS waste gas stream. The past experience must be with the same VOC, type of facility, and MSS activity. The basis for the sampling frequency shall be recorded. If breakthrough is monitored on the initial sample of the upstream can when the polishing can is put in place, a permit deviation shall be recorded.

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- (3) The method of VOC sampling and analysis shall be by detector meeting the requirements of SC No. 54.
- (4) Breakthrough is defined as the highest measured VOC or benzene concentration at or exceeding 100 ppmv or 5 ppmv, respectively, above background. When the condition of breakthrough of VOC from the initial saturation canister occurs, the waste gas flow shall be switched to the second canister and a fresh canister shall be placed as the new final polishing canister within twenty-four hours. In lieu of replacing canisters, the flow of waste gas may be discontinued until the canisters are switched. Sufficient new activated carbon canisters shall be available to replace spent carbon canisters such that replacements can be done in the above specified time frame.
- (5) Records of CAS monitoring shall include the following:
 - (a) Sample time and date.
 - (b) Monitoring results (ppmv).
 - (c) Canister replacement log.
- (6) Single canister systems are allowed if the time the carbon canister is in service is limited to no more than 30 percent of the minimum potential saturation time. The permit holder shall maintain records for these systems, including the calculations performed to determine the saturation time. The time limit on carbon canister service shall be recorded and the expiration date attached to the carbon can.
- (7) Liquid scrubbers may be used upstream of carbon canisters to enhance VOC capture provided such systems are closed systems and the spent absorbing solution is discharged into a closed container, vessel, or system.

B. Thermal Oxidizer.

- (1) The thermal oxidizer six minute average firebox exit temperature shall be maintained at not less than 1400°F and waste gas flows shall be limited to assure at least a 0.5 second residence time in the fire box while waste gas is being fed into the oxidizer.
- (2) The thermal oxidizer exhaust temperature shall be continuously monitored and recorded when waste gas is directed to the oxidizer. The temperature measurements shall be made at intervals of six minutes or less and recorded at that frequency. Temperature

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measurements recorded in continuous strip charts may be used to meet the requirements of this section.

The temperature measurement device shall be installed, calibrated, and maintained according to accepted practice and the manufacturer's specifications. The device shall have an accuracy of the greater of ± 0.75 percent of the temperature being measured expressed in degrees Celsius or $\pm 2.5^{\circ}\text{C}$.

- (3) As an alternative to B.(1) of this condition, the thermal oxidizer may be tested to confirm a minimum 99 wt percent destruction efficiency. The results of the test will be used to determine the minimum operating temperature and residence time. Stack Test must have been performed within the last 12 months. Stack VOC concentrations and flow rates shall be measured in accordance with applicable United States Environmental Protection Agency (EPA) Reference Methods. A copy of the test report shall be maintained with the thermal oxidizer and a summary of the testing results shall be included with the emission calculations.
- (4) As an alternative to B.(1)-(2) of this condition, the thermal oxidizer may be equipped with continuous VOC monitors (inlet and outlet). The VOC monitors shall be calibrated and maintained according to SC No. 54, except 54.C. In order to demonstrate compliance with this requirement, inlet VOC and outlet VOC concentrations and flows shall be measured at least every 15 minutes and this information used to determine inlet and outlet VOC mass rates on an hourly basis to confirm a minimum of 99 percent destruction efficiency or an exhaust concentration not greater than 20 ppmv.

C. Internal Combustion Engine.

- (1) The internal combustion engine shall have a VOC destruction efficiency of at least 99 percent.
- (2) The engine must have been stack tested with butane to confirm the required destruction efficiency within the past 12 months. VOC shall be measured in accordance with the applicable United States EPA Reference Method during the stack test and the exhaust flow rate may be determined from measured fuel flow rate and measured oxygen concentration. A copy of the stack test report shall be maintained with the engine. There shall also be documentation of acceptable VOC emissions following each occurrence of engine maintenance which may reasonably be expected to increase emissions including oxygen sensor

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replacement and catalyst cleaning or replacement. Stain tube indicators specifically designed to measure VOC concentration shall be acceptable for this documentation, provided a hot air probe or equivalent device is used to prevent error due to high stack temperature, and three sets of concentration measurements are made and averaged. Portable VOC analyzers meeting the requirements of SC No. 54 are also acceptable for this documentation.

- (3) The engine shall be operated with an oxygen sensor-based air-to-fuel ratio (AFR) controller. Documentation for each AFR controller that the, manufacturer's, or supplier's recommended maintenance has been performed, including replacement of the oxygen sensor as necessary for oxygen sensor-based controllers shall be maintained with the engine. The oxygen sensor shall be replaced at least quarterly in the absence of a specific written recommendation.

D. The plant flare system

- (1) The heating value and velocity requirements in 40 CFR 60.18 shall be satisfied during operations authorized by this permit.
- (2) The flare shall be operated with a flame present at all times and/or have a constant pilot flame. The pilot flame shall be continuously monitored by a thermal couple or an infrared monitor. The time, date, and duration of any loss of pilot flame shall be recorded. Each monitoring device shall be accurate to, and shall be calibrated at a frequency in accordance with, the manufacturer's specifications.
- (3) Each flare shall be equipped with one of the following:
 - (a) Operation and maintenance of a flare gas recovery system.
 - (b) A continuous flow monitor and composition analyzer that provides a record of the flare gas flow and composition of either the total VOC or heating value of the flare gas.

The flow monitor and analyzer sample point shall be installed as near as possible to the flare inlet such that the total vent stream to the flare is measured and analyzed. Readings shall be taken at least once every 15 minutes and the average hourly values of the flow and composition shall be recorded each hour. The flow monitors shall be calibrated on an annual basis to meet the following accuracy specifications: the flow monitor must be calibrated to

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manufacturer's specifications; the temperature monitor must be calibrated to within ± 2.0 percent at absolute temperature; the pressure monitor must be calibrated to within ± 5.0 mmHg.

- (i) If VOC monitoring is chosen: Calibration of the analyzer shall follow the procedures and requirements of Section 10.0 of 40 CFR Part 60, Appendix B, Performance Specification 9, as amended through October 17, 2000, (65 FR 61744), except that the multi-point calibration procedure in Section 10.1 of Performance Specification 9 shall be performed at least once every calendar quarter instead of once every month, and the mid-level calibration check procedure in Section 10.2 of Performance Specification 9 shall be performed at least once every calendar week instead of once every 24 hours. The on-line analyzer system must be capable of measuring constituents sufficient to determine the net heating value of the gas combusted in the flare to within 5.0%, or be calibrated with certified standards of the top two constituents affecting net heating value, whichever is more stringent and the ranges of calibration standards may be based on the typical concentrations observed rather than the full potential range of concentrations. The calibration gases used for calibration procedures shall be in accordance with Section 7.1 of Performance Specification 9. Net heating value of the gas combusted in the flare shall be calculated according to the equation given in 40 CFR § 60.18(f)(3) as amended through October 17, 2000, (65 FR 61744).
- (ii) If heating value is chosen: The calorimeter shall be calibrated, installed, operated, and maintained, in accordance with manufacturer recommendations, to continuously measure and record the net heating value of the gas sent to the flare, in British thermal units/standard cubic foot of the gas.

E. Single Carbon Adsorption or Scrubber System

A single liquid scrubbing or single carbon canister adsorption system may be used as a sole control device if the requirements below are satisfied.

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- (1) The exhaust to atmosphere shall be continuously monitored with a CEM. The VOC concentration shall be recorded at least once every 15 minutes when waste gas is directed to the CAS or scrubber.
- (2) The method of VOC sampling and analysis shall be by detector meeting the requirements of SC No. 54 except 54.C.
- (3) An alarm shall be installed such that an operator is alerted when outlet VOC concentration exceeds 100 ppmv above background. The MSS activity shall be stopped as soon as possible when the VOC concentration exceeds 100 ppmv above background for more than one minute. The date and time of all alarms and the actions taken shall be recorded.

F. A closed loop refrigerated vapor recovery system

- (1) The vapor recovery system shall be installed on the facility to be degassed using good engineering practice to ensure air contaminants are flushed from the facility through the refrigerated vapor condensers and back to the facility being degassed. The vapor recovery system and facility being degassed shall be enclosed except as necessary to insure structural integrity (such as roof vents on a floating roof tank).
- (2) VOC concentration in vapor being circulated by the system shall be sampled and recorded at least once every 4 hours at the inlet of the condenser unit with an instrument meeting the requirements of SC No. 54.
- (3) The quantity of liquid recovered from the tank vapors and the tank pressure shall be monitored and recorded each hour. The liquid recovered must increase with each reading and the tank pressure shall not exceed one inch water pressure while the system is operating.

G. Other control devices approved by the TCEQ through a permit amendment application or a pollution control permit application.

64. The following requirements apply to capture systems for the plant flare system.

- A. Each capture system for the plant flare system shall comply with one of the following:

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- (1) Conduct a once a month visual, audible, and/or olfactory inspection of the capture system to verify there are no leaking components in the capture system; or
 - (2) verify the capture system is leak-free by inspecting in accordance with 40 CFR Part 60, Appendix A, Test Method 21 once a year. Leaks shall be indicated by an instrument reading greater than or equal to 500 ppmv above background.
 - B. The control device shall not have a bypass.
 - C. If any of the inspections under A of this condition is not satisfactory, the permit holder shall promptly take necessary corrective action. Records shall be maintained documenting the performance and results of the inspections required in this condition.
65. If spray guns are used to apply paint, they shall be airless, high volume low pressure (HVLP), or have the same or higher transfer efficiency as airless or HVLP spray guns.
66. Emissions from all painting activities, except for minor painting identified in Attachment 2 to this permit, at this site must satisfy the criteria below. New compounds may also be added through the use of the procedure below.
- A. Short-term (pounds per hour [lb/hr]) and annual (TPY) emissions shall be determined for each chemical in the paint as documented in the permit application. The calculated emission rate shall not exceed the maximum allowable emissions rate at any emission point.
 - B. The Effect Screening Level (ESL) for the material shall be obtained from the current TCEQ ESL list or by written request to the TCEQ Toxicology Section.
 - C. The total painting emissions of any compound must satisfy one of the following conditions:
 - (1) The total emission rate is less than 0.1 lb/hr and the ESL greater than or equal to 2 $\mu\text{g}/\text{m}^3$; or
 - (2) The emission rate of the compound in pounds per hour is less than the ESL for the compound divided by 171.5 ($\text{ER} < \text{ESL}/171.5$).
 - D. The permit holder shall maintain records of the information below and the demonstrations in steps A through C above. The following documentation is required for each compound:

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- (1) Chemical name(s), composition, and chemical abstract registry number if available.
 - (2) Material Safety Data Sheet.
 - (3) Maximum concentration of the chemical in weight percent
 - (4) Paint usage and the associated emissions shall be recorded each month and the rolling 12 month total emissions updated.
67. No visible emissions shall leave the property due to painting or abrasive blasting.
68. Black Beauty and Garnet Sand may be used for abrasive blasting. The permit holder may also use blast media that meet the criteria below:
 - A. The media shall not contain asbestos or greater than 1.0 weight percent crystalline silica.
 - B. The weight fraction of any metal in the blast media with a short term ESL less than 50 micrograms per cubic meter as identified in the most recently published TCEQ ESL list shall not exceed the $ESL_{metal}/1000$.
 - C. The MSDS for each media used shall be maintained on site.
 - D. Blasting media usage and the associated emissions shall be recorded each month and the rolling 12 month total emissions updated.
69. Planned maintenance activities must be conducted in a manner consistent with good practice for minimizing emissions, including the use of air pollution control equipment, practices and processes. All reasonable and practical efforts to comply with SC Nos. 51 through 68, 70, and 71 must be used when conducting the planned maintenance activity, until the commission determines that the efforts are unreasonable or impractical, or that the activity is an unplanned maintenance activity.
70. Slab cleaning activities are limited to water washing small pieces of process equipment, empty vacuum trucks, and empty portable frac containers. Records shall be maintained of the number of items cleaned each day and the emissions determined each month based on the number of items cleaned as estimated in the permit amendment application, PI-1 dated December 21, 2006. The permit holder may assume that all vacuum trucks and frac tanks used on the site as recorded in SC Nos. 58 and 59 are cleaned in lieu of maintaining cleaning records for those items.

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71. The following requirements ensure satisfactory impacts off-site during MSS.
- A. A maximum of 3 frac or temporary storage tanks or vessels may be filled with naphtha during any one hour period.
 - B. Emissions from refilling tanks with a landed roofs with a liquid with a vapor pressure greater than 0.50 psia shall be routed to a control device meeting the requirements of SC No. 63 unless the tank has been cleaned and degassed.
 - C. While filling a tank with a landed roof with a liquid with vapor pressure greater than 0.50 psia without emission control, no other tanks with landed roofs may be degassed or filled with that type of liquid.
 - D. If a cleaned and degassed tank with a landed roof has been refilled with a liquid with vapor pressure greater than 0.50 psia without emission control in the past 12 months, emissions from refilling the tank with a landed roof shall be routed to a control device meeting the requirements of SC No. 63 if the liquid has a vapor pressure greater than 0.50 psia.
72. Records shall be maintained in accordance with SC No. 52 for planned MSS on the Air Liquide Large Industries SMR (Permit 34245, RN103120929). Total waste gas directed to the Valero flares during these operations shall not exceed the total identified in the permit amendment application, PI-1 dated December 21, 2006.
73. The following steps shall take place before the catalyst is removed from the HDS unit for transfer to the catalyst pad. The reactor shall be cooled prior to opening and the catalyst shall be flushed with gas oil followed by hydrogen recycle gas circulation. The catalyst shall then be neutralized with a demineralized water and soda ash solution.

MSAT Project

74. Tanks 114, 115, 116, 156, and 161 (EPNs TK-114, 173, 174, 129, and 140) shall be equipped with internal floating roofs with mechanical shoe primary seals and rim mounted secondary seals prior to storing benzene concentrate for the MSAT project.

Permit References

75. The permit holder shall maintain a copy of the effective permit at the site together with complete copies of all confidential documents that are referenced in the above permit conditions as attachments. The permit and attachments shall be made available to TCEQ personnel at the site upon request.

Emission Cap Compliance Recordkeeping

76. Recordkeeping programs for those facilities authorized by the permit shall be established and maintained such that the ability to demonstrate compliance with all authorized emission caps and individual emission rate limits (short-term and annual) is ensured. Records of all compliance testing, CEMS/PEMS results, and process parameters necessary to demonstrate compliance with the emission rate caps shall be maintained on-site for a period of five years.

Emissions calculations for verifying compliance with the emission caps shall be performed at least once every quarter to demonstrate compliance with the annual rolling average requirement. The holder of this permit shall maintain all records necessary to demonstrate compliance with the short-term (lb/hr) and annual TPY emissions cap and provide such demonstration of compliance to the TCEQ Corpus Christi Regional Office upon request.

The emissions shall be determined using the following techniques:

Fugitive	Component counts using the emission factors and method specified in the permit application.
Cooling Towers	Measured strippable VOC concentration as specified in SC No. 31 and the cooling tower circulation rate.
Tanks	As specified in SC No. 29.
Heaters/Boilers	If a CEMS or PEMS is installed, as specified in SC No. 42. If stack tested per SC No. 41, using the most recent stack test result and recorded firing rate for the period. If no sampling is required, using the emission factor in the permit application and the recorded firing rate for the period.
Loading	Fugitive emissions from loading operations shall be calculated using: (a) AP 42 loading equation listed in Chapter 5.2 and (b) the TCEQ publication titled "Technical Guidance for Chemical Sources Loading Operations." Emissions from control devices shall be determined using the emission factor (in mg/l) determined through testing and the volume loaded. The manufacturer's guaranteed emission factor may be used if the most recent stack testing has verified that factor.
SRU/HOC	If a CEMS or PEMS is installed, as specified in SC No. 42.
Scrubber	If stack tested per SC No. 41, using the most recent stack test result and recorded operating rate for the period. If no

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sampling is required, using the emission factor in the flexible permit application and the average value of the appropriate operating parameter for the period.

Diesel Engines Emissions calculated based on hours of operation and emission factors listed on Table D-1 in the confidential section of the permit amendment application dated November 16, 2004.

These and all other records required by any previous condition of this permit shall be made available to the TCEQ Executive Director or his representative upon request.

FEDERAL APPLICABILITY

77. These facilities shall comply with all applicable requirements of the U.S. Environmental Protection Agency (EPA) regulations on Standards of Performance for New Stationary Sources promulgated for the following:
- A. Petroleum Refineries in 40 CFR Part 60, Subparts A and J.
 - B. Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978, in 40 CFR Part 60, Subparts A and K.
 - C. Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984, in 40 CFR Part 60, Subparts A and Ka.
 - D. Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984, in 40 CFR Part 60, Subparts A and Kb.
 - E. Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry (SOCMI) for which Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006, in 40 CFR Part 60, Subparts A and VV.
 - F. Bulk Gasoline Terminals in 40 CFR Part 60, Subparts A and XX.
 - G. Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after January 4, 1983, and on or Before November 7, 2006, in 40 CFR Part 60, Subparts A and GGG.
 - H. The VOC Emissions from SOCMI Distillation Operations in 40 CFR Part 60, Subparts A and NNN.

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- I. The VOC Emissions From Petroleum Refinery Wastewater Systems in 40 CFR Part 60, Subparts A and QQQ.
 - J. The VOC Emissions from SOCMR Reactor Processes in 40 CFR Part 60, Subparts A and RRR.
78. These facilities shall comply with all applicable requirements of EPA regulations on National Emission Standards for Hazardous Air Pollutants (NESHAPS) promulgated for the following:
- A. Asbestos in 40 CFR Part 63, Subparts A and M.
 - B. Benzene Waste Operations in 40 CFR Part 63, Subparts A and FF.
79. These facilities shall comply with all applicable requirements of EPA regulations on National Emission Standards for Hazardous Air Pollutants (NESHAPS) for Source Categories promulgated for the following:
- A. Marine Tank Vessel Loading Operations in 40 CFR Part 63, Subparts A and Y.
 - B. Hazardous Air Pollutants From Petroleum Refineries in 40 CFR Part 63, Subparts A and CC.
 - C. Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units in 40 CFR Part 63, Subparts A and UUU.
 - D. Hazardous Air Pollutants: Site Remediation in 40 CFR Part 63, Subparts A and GGGG.

Recordkeeping

80. The following written records demonstrating compliance shall be made and maintained by the holder of this permit. These records shall be kept at the plant site at least five years and shall be made immediately available upon request to designated representatives of the TCEQ or EPA.
- A. Records of tank truck loading of gasoline, as specified in SC No. 8.
 - B. Records of loss of flare pilot flame, as specified in SC No. 15.B.
 - C. Records of flare flow and composition, net heating value, and exit velocity, as specified in SC No. 15.D.

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- D. Records of API Separator Combustor operation and of CAS operation and monitoring, as specified in SC No. 16.
- E. Records of HOC scrubber circulating caustic solution pH, as specified in SC No. 22.
- F. Records of pressure data associated with EPN 121, as specified in SC No. 26.
- G. Records of caustic absorber circulation rate data, as specified in SC No. 28.
- H. Records of storage tank seal gap inspections, as specified in SC No. 29.C.
- I. Records of storage tank product data, as specified in SC No. 29.F.
- J. Records of cooling tower operations, as specified in SC No. 31.
- K. Records of open-ended line or valve monitoring and corrective actions, as specified in SC No. 32.E.
- L. Records of pressure-sensing device readings, as specified in SC No. 32.F.
- M. Records of leaky component repairs, as specified in SC Nos. 32.H and 32.J.
- N. Records of instrument monitoring and physical inspections, as specified in SC No. 32.J.
- O. Records of inspections, leaks, repairs, and replacements of piping components in H₂S and HF service, as specified in SC No. 35.
- P. Records of wastewater collection system inspections and of corrective actions taken, as specified in SC No. 37.B.
- Q. Records of daily wastewater flow into the wastewater treatment plant, as specified in SC No. 38.
- R. Records of wastewater treatment plant MLSS concentration, as specified in SC No. 39.
- S. Records of stack sampling, as specified in SC No. 41.D.
- T. Records of CEMS and PEMS performance data, as specified in SC No. 42.
- U. Records of CEMS estimation methods, as specified in SC No. 42.G.
- V. Records of PEMS tuning, as specified in SC No. 42.L.

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- W. Records of condenser exhaust gas temperature, as specified in SC No. 48.
- X. Records of performance of planned MSS activities, as specified in SC No. 52.
- Y. Records of process units and facilities product temperature data, as specified in SC Nos. 53.A., 53.B, and 53.D.
- Z. Records of the locations and/or identifiers where the purge gas or steam enters the process equipment or storage vessel and the exit points for the exhaust gases, as specified in SC No. 53.D.(2).
- AA. Records of the locations and/or identifiers where the purge liquid enters the process equipment or storage vessel and the exit points for the exhaust gases, as specified in SC No. 53.D.(3).
- AB. Records of instrument calibration, as specified in SC No. 54.A.(1).
- AC. Records of sampling data, as specified in SC No. 54.A.(2).
- AD. Records of colorimetric gas detector tube use, as specified in SC No. 54.B.(3).
- AE. Records of lower explosive limit detector calibration, as specified in SC Nos. 54.C.(1) and 54.C.(2).
- AF. Records of portable gas chromatograph calibration, as specified in SC No. 54.D.
- AG. Records of open-ended line or valve weekly checks and corrective actions, as specified in SC No. 55.B.
- AH. Records of storage tank locations and identifiers of vents, control device or controlled recovery system, and controlled exhaust stream, as specified in SC No. 56.B.(1).
- AI. Records of storage tank degassing VOC concentration, as specified in SC No. 56.B.(5).
- AJ. Records of drained tank volumes and type of liquid added, as specified in SC No. 56.C.(1).
- AK. Records of the method used to release the tank, as specified in SC No. 56.C.
- AL. Records of fixed-roof storage tank ventilation, as specified in SC No. 57.
- AM. Records of vacuum truck operations, as specified in SC No. 58.C.

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- AN. Records of the VOC TVP of liquids vacuumed into a vacuum truck, as specified in SC No. 58.D.
- AO. Records of frac tank data, as specified in SC No. 59.D.
- AP. Records of the start and end times for MSS, as specified in SC No. 62.C.
- AQ. Records of CAS operations, as specified in SC No. 63.A.
- AR. Records of thermal oxidizer exhaust temperature, as specified in SC No. 63.B.(2).
- AS. Records of loss of flare pilot flame, as specified in SC No. 63.D.(2).
- AT. Records of flare flow and composition, as specified in SC No. 63.D.(3)(b).
- AU. Records of flare net heating value, as specified in SC No. 63.D.(3)(b)(ii).
- AV. Records of single carbon adsorption or scrubber system VOC concentration, as specified in SC No. 63.E.(1).
- AW. Records of single carbon adsorption or scrubber system alarms, as specified in SC No. 63.E.(3).
- AX. Records of closed loop refrigerated vapor recovery system VOC concentration, as specified in SC No. 63.F.(2).
- AY. Records of closed loop refrigerated vapor recovery system liquid recovery, as specified in SC No. 63.F.(3).
- AZ. Records of the capture system inspections, as specified in SC No. 64.C.
- BA. Records of paint data, as specified in SC No. 66.D.
- BB. Records of blasting media data, as specified in SC No. 68.D.
- BC. Records of slab cleaning activities, as specified in SC No. 70.
- BD. Records of Air Liquide MSS activities, as specified in SC No. 72.
- BE. Records of emission cap compliance, as specified in SC No. 76.

Dated: March 4, 2014

ATTACHMENT 1

Permit Numbers 38754 and PSDTX324M14

PERMIT EMISSION POINTS BY TYPE

Category: Fired Units	<u>EPN</u>	<u>Description</u>
	1	Crude Heater
	16-P-04	Diesel Pump
	16-P-07	Diesel Pump
	49-H-90	C7 Splitter Reboiler
	50-P-16	Diesel Pump
	50-P-20	Diesel Pump
	72-P-6	Diesel Pump
	72-P-7	Diesel Pump
	72-P-8	Diesel Pump
	72-P-9	Diesel Pump
	72-P-10	Diesel Pump
	72-P-11	Diesel Pump
	72-P-14A	Diesel Pump
	72-P-14B	Diesel Pump
	73-P-3	Diesel Pump
	73-P-4	Diesel Pump
	73-P-5	Diesel Pump
	74	Vacuum Unit Heater
	83-P-136A	Diesel Pump
	83-P-136B	Diesel Pump
	114	Desalter Heater
	115	HDS Charge Heaters
	116	HDS Heavy Oil Preheater
	117	Alky Fract Reboiler
	118	Hydrogen Reformer Heater
	119	Sulften Heater
	120	Butamer Heater
	121	HOC (incinerator and scrubber stack)
	121a	SRU Bypass Stack
	124	API Separator Combustor
	131	Crude Preflash Heater
	132	Crude Stabilizer Heater
	150	HCU Heater
	151	NHT Heater
	152	CRU Heaters
	153	Boiler 30-B-02
	162	Oleflex Heaters
	172	RSU Heater

ATTACHMENT 1

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Category: Fired Units (cont.)	<u>EPN</u>	<u>Description</u>
	195	GD Charge Heater
	900	Crude Charge Heater (Permit No. 106965)
	TRUCKCOMB	Truck Loading Combustor
Category: Flares	<u>EPN</u>	<u>Description</u>
	126	Main Flare
	127	MTBE Flare
	135	Acid Gas Flare (Pilots Only)
	158	Ground Flare
Category: Tanks	<u>EPN</u>	<u>Description</u>
	5	Tank No. 93
	6	Tank No. 94
	7	Tank No. 95
	8	Tank No. 96
	9	Tank No. 101
	10	Tank No. 102
	11	Tank No. 103
	12	Tank No. 104
	13	Tank No. 105
	15	Tank No. 108
	16	Tank No. 109
	17	Tank No. 110
	34	Tank No. 97
	35	Tank No. 98
	36	Tank No. 99
	37	Tank No. 100
	46	Tank No. 137
	48	Tank No. 139
	60	Tank No. 14
	61	Tank No. 15
	63	Tank No. 149
	64	Tank No. 150
	69	Tank No. 9
	70	Tank No. 16
	71	Tank No. 17
	72	Tank No. 18
	83-TK-26	Tank No. 26
	83-TK-155	Tank No. 155
	83-TK-159	Tank No. 159
	83-TK-160	Tank No. 160

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Category: Tanks (cont'd.)	<u>EPN</u>	<u>Description</u>
	83-TK-162	Tank No. 162
	88	Tank No. 57
	89	Tank No. 58
	90	Tank No. 59
	91	Tank No. 60
	92	Tank No. 61
	93	Tank No. 19
	94	Tank No. 20
	95	Tank No. 77
	96	Tank No. 78
	129	Tank No. 156
	140	Tank No. 161
	142	Tank No. 111
	156	Tank No. 62
	157	Tank No. 63
	164	Tank No. 64
	165	Tank No. 65
	166	Tank No. 76
	169	Tank No. 75
	173	Tank No. 115
	174	Tank No. 116
	187	Tank No. 25
	196	Tank No. 70-TK-66
	197	Tank No. 70-TK-67
	198	Tank No. 70-TK-68
	TK-51	Tank No. 51
	112	Tank No. 112
	TK-114	Tank No. 114
	902	Tank No. 165 (Permit No. 106965)
	905	Tank No. 166 (Permit No. 109543)
	906	Tank No. 167 (Permit No. 109543)
Category: Fugitive	<u>EPN</u>	<u>Description</u>
	1F	Crude Unit
	2F	Vacuum Unit
	4F	LEU
	07F	BUP Flare
	08F	08 FLR/Day Tanks
	11F	Desalter Unit
	12F	HDS Unit
	13F	SMR

ATTACHMENT 1

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Category: Fugitive (cont'd.)	<u>EPN</u>	<u>Description</u>
	18F	HRLEU Unit
	20F	LRU
	21/22F	HOC Unit
	30F	Boilerhouse
	31F	HF Alkylation Unit
	36F	Butamer Unit
	37F	MTBE
	38F	Oleflex
	41F	SRU Unit
	42F	SWS
	46-24F	SULF/SEU
	47F	HCU
	47PSAF	PSA
	48F	NHT
	49F	CRU
	52F	Gasoline Desulfurization
	54F	SHU
	83F	WWT
	175	49-RSU/XFU
	201	Railcar Unloading
	DOCKS	Docks
	LPGSTGF	LPG Storage
	MVRUF	MVRU
	TERM-F	Terminals
	TRKRACKFUG	Truck Rack
	903	Crude Unit Fugitives (Permit No. 106965)
	904	Crude Unit BWS Fugitives (Permit No. 106965)
	908	Crude Storage Fugitives (Permit No. 109543)
Category: Loading	<u>EPN</u>	<u>Description</u>
	31	Barge Loading (Heavy Oil)
	SHIP FUG	Ship Dock Fugitives
	TRUCKFUG	Truck Loading
	VRU	Marine loading VRU
	907	Crude Loading Fugitives (Permit No. 109543)
	909	Crude Loading Vapor Combustor (Permit No. 109543)

ATTACHMENT 1

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Category: Other	<u>EPN</u>	<u>Description</u>
	1CT	CU/VRU Cooling Tower
	01-01	Crude/Vac Pump Alley
	01-02	North of Vac Unit
	01-03	North of Vac Unit
	01-04	NW of Vac Unit
	03-01	North of tanks 156/161
	11-01	Desalter Pump Alley
	21BH	Magnacat Unit
	41-01	North of 43-TK-08
	41-02	West of 41-V-05
	49-01	NW of XFU
	49-02	North of NHT
	49-03	NHT Pump Alley
	50-01	East of Tank 62
	52-01	NW of GDU MCC
	70-01	East of Tank 55
	70-02	NW of Tank 106
	70-03	West of Tank 94
	72-01	East of Tank 111
	73-01	North of Tank 152
	73-01	Between TK 8 & TK 164
	83-01	WWT-Hydroblast Pad
	83-02	WWT-Desalter Lift
	83-03	WWT-East of KOH Trtr
	83-04	WWT- NE of Tank 159
	83-05	WWT-North Lift
	83-06	WWT-North of V-68
	83-07	WWT-South of V-55
	83-09	WWT-BSRP
	83-10	WWT-83-V-99
	83-12	WWT-83-V-28
	83-TK-23	Equalization Tank
	83-TK-27	Bio Oxidation Tank
	83-V-58	Tank No. 58
	83-V-59	Tank No. 59
	83-V-97	Tank No. 97
	98-02	WP MSAT Rail Rack
	122	HOC Cooling Tower
	123	ALKY Cooling Tower
	124a	API Sep Back Up
	155	CCU CCR

ATTACHMENT 1

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Category: Other (cont'd.)	<u>EPN</u>	<u>Description</u>
	167-CT 901	BUP Cooling Tower Crude Unit Cooling Tower (Permit No. 106965)
	168	Oleflex CCR
	AE-49601A/B	Analyzer Vent AE-49601A/B
	AE-49900A/B	Analyzer Vent AE-49900A/B
	AE-49901A/B	Analyzer Vent AE-49901A/B
	V-201	WP MSAT Rail Rack
	WWTP-AERB	Aeration Basin
	WWTP-CLRF	Clarifier
	WWTP-OWS	WW Collection System
	WWTP-SLB	Salin Basin

Dated: March 4, 2014

ATTACHMENT 2

Permit Numbers 38754 and PSDTX324M14

INHERENTLY LOW EMITTING ACTIVITIES

Activity	Emissions				
	VOC	NO _x	CO	PM	H ₂ S/SO ₂
Catalyst activation/deactivation	X				
Management of sludge from pits, ponds, sumps, and water conveyances	X				
Aerosol Cans	X				
Calibration of analytical equipment and process instrumentation	X	X	X		X
Carbon canister replacement	X				
Catalyst charging/handling				X	
Instrumentation/analyzer maintenance	X				
Meter proving	X				
Replacement of analyzer filters and screens	X				
Maintenance on water treatment systems (cooling, boiler, potable)	X				
Soap and other aqueous based cleaners	X				
Cleaning sight glasses	X				
Aerosol and miscellaneous chemical usage	X				

Dated: January 22, 2014

ATTACHMENT 3

Permit Numbers 38754 and PSDTX324M14

ROUTINE MAINTENANCE ACTIVITIES

Pump repair/replacement
Fugitive component (valve, pipe, flange) repair/replacement
Compressor repair/replacement
Heat exchanger repair/replacement
Vessel repair/replacement

Dated: January 22, 2014

ATTACHMENT 4

Permit Numbers 38754 and PSDTX324M14

MSS ACTIVITY SUMMARY

Facilities	Description	Emissions Activity	EPN
all process units and tanks	shutdown/depressurize/drain/startup (includes SRU shutdowns, FCCU startups and Air Liquide MSS activities)	Vent to control	MSS-TA MSS-MA
all process units and tanks	process unit purgegas/drain/startup (except FCCU and SRU)	Vent to atmosphere	MSS-TA UNCONTROLLED MSS-MA UNCONTROLLED
Vacuum Trucks	removal and transfer of process and/or waste liquids	Vent to atmosphere	MSS-TA UNCONTROLLED MSS-MA UNCONTROLLED
Process units and tanks	Painting	Vent to atmosphere	MSS-TA UNCONTROLLED MSS-MA UNCONTROLLED
Process units and tanks	Miscellaneous chemical usage	Vent to atmosphere	MSS-TA UNCONTROLLED MSS-MA UNCONTROLLED
FRAC tanks	Temporary storage of process liquids and/or waste liquids	Vent to atmosphere	MSS-TA UNCONTROLLED MSS-MA UNCONTROLLED
Cleaning Slab	Washing of portable or mobile MSS or process equipment	vent to atmosphere	MSS-TA UNCONTROLLED MSS-MA UNCONTROLLED
Process units and tanks	Abrasive blasting	Vent to atmosphere	MSS-TA UNCONTROLLED
HDS	Remove spent catalyst, store on pad prior to transfer	Vent to atmosphere	MSS-TA UNCONTROLLED

Dated: January 22, 2014

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 38754 and PSDTX324M14

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
Routine Emission Caps		CO	1856.46	2890.68
		H ₂ S	6.79	21.79
		H ₂ SO ₄	49.00	214.63
		NO _x	909.90	1760.99
		PM	188.53	747.93
		PM ₁₀	188.53	747.93
		PM _{2.5}	188.53	747.93
		SO ₂	521.66	1506.78
		VOC	931.58	1344.13
		Benzene	16.33	13.49
MSS Caps		CO	3,005.00	54.35
		H ₂ S	6.59	0.22
		NH ₃	4.41	0.17
		NO _x	560.30	11.24
		PM	80.53	1.28
		PM ₁₀	80.53	1.28
		PM _{2.5}	80.53	1.28
		SO ₂	1,019.00	37.24
		VOC	1,838.00	59.96
		Exempt Solvents	1.76	0.60

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
1	Heater - Crude Heater (01-H-01)	CO	8.10	20.13
		NH ₃	0.05	0.17
		NO _x	9.72	19.24
		PM	1.21	4.00
		PM ₁₀	1.21	4.00
		PM _{2.5}	1.21	4.00
		SO ₂	2.50	5.71
		VOC	0.87	2.90
131	Heater - Crude Preflash (01-H-02)	CO	0.62	2.71
		NH ₃	<0.01	0.02
		NO _x	1.77	6.29
		PM	0.13	0.49
		PM ₁₀	0.13	0.49
		PM _{2.5}	0.13	0.49
		SO ₂	0.27	0.64
		VOC	0.10	0.35

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
132	Heater - Crude Stabilizer (01-H-03)	CO	0.17	0.72
		NH ₃	<0.01	<0.01
		NO _x	0.48	2.06
		PM	0.04	0.15
		PM ₁₀	0.04	0.15
		PM _{2.5}	0.04	0.15
		SO ₂	0.07	0.22
		VOC	0.03	0.11
74	Vacuum Heater	CO	4.99	16.77
		NH ₃	0.03	0.14
		NO _x	5.98	26.21
		PM	0.74	3.26
		PM ₁₀	0.74	3.26
		PM _{2.5}	0.74	3.26
		SO ₂	1.37	4.13
		VOC	0.54	2.36

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
114	Heater - Desalter Heater (11-H-01)	CO	5.00	17.26
		NH ₃	0.03	0.11
		NO _x	6.00	20.71
		PM	0.75	2.57
		PM ₁₀	0.75	2.57
		PM _{2.5}	0.75	2.57
		SO ₂	1.54	3.67
		VOC	0.54	1.86
115	HDS Heaters	CO	8.08	32.91
		NH ₃	0.05	0.22
		NO _x	9.70	42.07
		PM	1.20	5.22
		PM ₁₀	1.20	5.22
		PM _{2.5}	1.20	5.22
		SO ₂	2.49	7.45
		VOC	0.87	3.78

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
116	Heater - HDS Pre-Heater (12-H-02)	CO	0.31	1.10
		NH ₃	<0.01	0.02
		NO _x	2.36	8.28
		PM	0.15	0.51
		PM ₁₀	0.15	0.51
		PM _{2.5}	0.15	0.51
		SO ₂	0.30	0.73
		VOC	0.11	0.37
118	Hydrogen Reformer Heater	CO	58.51	220.73
		NH ₃	0.37	1.52
		NO _x	70.21	284.40
		PM	8.72	35.80
		PM ₁₀	8.72	35.80
		PM _{2.5}	8.72	35.80
		SO ₂	44.53	122.64
		VOC	9.95	25.91

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
153	Heater - HR Boiler (30-B-02) (interim limit) (6)	CO	8.46	30.88
		NH ₃	0.09	0.33
		NO _x	28.21	102.93
		PM	2.10	7.67
		PM ₁₀	2.10	7.67
		PM _{2.5}	2.10	7.67
		SO ₂	4.34	15.85
		VOC	1.52	5.55
153	Heater - HR Boiler (30-B-02) (7)	CO	8.46	28.94
		NH ₃	0.09	0.33
		NO _x	22.56	82.34
		PM	2.10	5.51
		PM ₁₀	2.10	5.51
		PM _{2.5}	2.10	5.51
		SO ₂	4.34	10.66
		VOC	1.52	3.99

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
117	Heater - Alky Frac. Reb. (31-H-01)	CO	2.51	8.83
		NH ₃	0.05	0.17
		NO _x	5.64	19.86
		PM	1.17	4.11
		PM ₁₀	1.17	4.11
		PM _{2.5}	1.17	4.11
		SO ₂	2.41	5.86
		VOC	0.85	2.97
120	Heater - Butamer Heater (36-H-01)	CO	0.27	0.98
		NH ₃	<0.01	0.02
		NO _x	2.00	4.30
		PM	0.12	0.26
		PM ₁₀	0.12	0.26
		PM _{2.5}	0.12	0.26
		SO ₂	0.26	0.41
		VOC	0.09	0.19

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
162	Oleflex Heater	CO	19.45	69.49
		NH ₃	0.12	0.49
		NO _x	23.34	65.75
		PM	2.90	11.62
		PM ₁₀	2.90	11.62
		PM _{2.5}	2.90	11.62
		SO ₂	5.99	16.57
		VOC	2.10	8.41
119	Heater - Sulften Heater (46-H-01)	CO	0.35	1.49
		NH ₃	<0.01	0.03
		NO _x	2.17	5.21
		PM	0.13	0.32
		PM ₁₀	0.13	0.32
		PM _{2.5}	0.13	0.32
		SO ₂	0.28	0.63
		VOC	0.10	0.24

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
150	HCU Heater (interm limit) (6)	CO	6.10	24.38
		NH ₃	0.06	0.26
		NO _x	20.32	81.27
		PM	1.51	6.06
		PM ₁₀	1.51	6.06
		PM _{2.5}	1.51	6.06
		SO ₂	3.13	12.52
		VOC	1.10	4.38
150	HCU Heater (7)	CO	6.10	24.38
		NH ₃	0.06	0.26
		NO _x	12.19	48.76
		PM	1.51	6.06
		PM ₁₀	1.51	6.06
		PM _{2.5}	1.51	6.06
		SO ₂	3.13	8.63
		VOC	1.10	4.38

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
151	Heater - NHU Heater (48-H-01)	CO	1.06	3.82
		NH ₃	0.01	0.04
		NO _x	3.52	12.72
		PM	0.26	0.95
		PM ₁₀	0.26	0.95
		PM _{2.5}	0.26	0.95
		SO ₂	0.54	1.35
		VOC	0.19	0.69
152	CRU Heater	CO	16.85	57.02
		NH ₃	0.18	0.60
		NO _x	39.31	133.06
		PM	4.18	14.16
		PM ₁₀	4.18	14.16
		PM _{2.5}	4.18	14.16
		SO ₂	9.80	22.69
		VOC	3.03	10.25

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
172	Heater - RSU Heater (49-H-71)	CO	3.30	12.72
		NH ₃	0.02	0.08
		NO _x	3.96	15.26
		PM	0.49	1.90
		PM ₁₀	0.49	1.90
		PM _{2.5}	0.49	1.90
		SO ₂	1.02	2.70
		VOC	0.36	1.37
49-H-90	Heater - C7 Splitter Reb. (49-H-90)	CO	5.32	16.82
		NH ₃	0.03	0.13
		NO _x	4.25	15.46
		PM	0.79	3.01
		PM ₁₀	0.79	3.01
		PM _{2.5}	0.79	3.01
		SO ₂	1.64	4.29
		VOC	0.57	2.18

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
195	Heater - GDU Charge Heater (52-H-01)	CO	13.65	34.29
		NH ₃	0.05	0.20
		NO _x	5.80	14.69
		PM	1.23	4.61
		PM ₁₀	1.23	4.61
		PM _{2.5}	1.23	4.61
		SO ₂	2.55	6.57
		VOC	0.89	3.34
1F	Crude Unit	VOC	See Subcap	See Subcap
2F	Vacuum Unit	H ₂ S	0.02	0.08
		VOC	See Subcap	See Subcap
4F	LEU Unit	VOC	See Subcap	See Subcap
11F	Desalter Unit	VOC	See Subcap	See Subcap
12F	HDS Unit	H ₂ S	0.14	0.62
		VOC	See Subcap	See Subcap
13F	H2 Reformer	VOC	See Subcap	See Subcap
18F	LEU -2	VOC	See Subcap	See Subcap
20F	LRU	VOC	See Subcap	See Subcap
21/22F	HOC	H ₂ S	0.03	0.12
		VOC	See Subcap	See Subcap
30F	Boiler House	VOC	See Subcap	See Subcap
07F	#07 BUP Flare	VOC	See Subcap	See Subcap

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
31F	Alky Unit	H ₂ S	0.10	0.43
		HF	0.52	2.29
		VOC	See Subcap	See Subcap
36F	Butamer Unit	VOC	See Subcap	See Subcap
37F	Iso-Octene	VOC	See Subcap	See Subcap
38F	Oleflex Unit	VOC	See Subcap	See Subcap
46-24F	SULF-10 Fugitives (5)	H ₂ S	0.10	0.43
		VOC	See Subcap	See Subcap
41F	SRU Unit Fugitives (5)	H ₂ S	0.02	0.09
		VOC	See Subcap	See Subcap
47F	HCU Unit	H ₂ S	0.15	0.67
		VOC	See Subcap	See Subcap
47PSA	PSA Unit	VOC	See Subcap	See Subcap
48F	NHT Unit	H ₂ S	0.01	0.06
		VOC	See Subcap	See Subcap
49F	CRU Unit	VOC	See Subcap	See Subcap
175	XFU/RFU/C7Split Unit	VOC	See Subcap	See Subcap
52F	GDU Unit	VOC	See Subcap	See Subcap
DOCKS	DK-Docks	VOC	See Subcap	See Subcap
o8F	#o8FLR/Day Tanks	VOC	See Subcap	See Subcap
LPG STGF	LPG STORAGE	VOC	See Subcap	See Subcap
MVRUF	MVRU	VOC	See Subcap	See Subcap
TERM-F	#TM-Terminal	VOC	See Subcap	See Subcap

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
TRKRACKFUG	TRUCK RACK (5)	VOC	See Subcap	See Subcap
83F	Wastewater Treatment Plant	VOC	See Subcap	See Subcap
54F	Selective Hydrogenation Unit	VOC	See Subcap	See Subcap
42F	Sour Water Stripper	H ₂ S	<0.01	0.02
		VOC	See Subcap	See Subcap
168	Oleflex CCR	Cl ₂	<0.01	0.04
		H ₂ SO ₄	<0.01	0.01
		HCl	0.06	0.28
		SO ₂	0.04	0.19
37	Tank - 100	VOC	See Subcap Below	See Subcap Below
9	Tank - 101	VOC	See Subcap Below	See Subcap Below
10	Tank - 102	VOC	See Subcap Below	See Subcap Below
11	Tank - 103	VOC	See Subcap Below	See Subcap Below
12	Tank - 104	VOC	See Subcap Below	See Subcap Below
13	Tank - 105	VOC	See Subcap Below	See Subcap Below
15	Tank - 108	VOC	See Subcap Below	See Subcap Below
16	Tank - 109	VOC	See Subcap Below	See Subcap Below
17	Tank - 110	VOC	See Subcap Below	See Subcap Below
142	Tank - 111	VOC	See Subcap Below	See Subcap Below
TK-112	Tank - 112	VOC	See Subcap Below	See Subcap Below
TK-114	Tank - 114	VOC	See Subcap Below	See Subcap Below

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
173	Tank - 115	VOC	See Subcap Below	See Subcap Below
174	Tank - 116	VOC	See Subcap Below	See Subcap Below
48	Tank - 139	VOC	See Subcap Below	See Subcap Below
60	Tank - 14	VOC	See Subcap Below	See Subcap Below
63	Tank - 149	VOC	See Subcap Below	See Subcap Below
61	Tank - 15	VOC	See Subcap Below	See Subcap Below
64	Tank - 150	VOC	See Subcap Below	See Subcap Below
129	Tank - 156	VOC	See Subcap Below	See Subcap Below
70	Tank - 16	VOC	See Subcap Below	See Subcap Below
140	Tank - 161	VOC	See Subcap Below	See Subcap Below
71	Tank - 17	VOC	See Subcap Below	See Subcap Below
72	Tank - 18	VOC	See Subcap Below	See Subcap Below
93	Tank - 19	VOC	See Subcap Below	See Subcap Below
94	Tank - 20	VOC	See Subcap Below	See Subcap Below
TK-51	Tank - 51	VOC	See Subcap Below	See Subcap Below
88	Tank - 57	VOC	See Subcap Below	See Subcap Below
89	Tank - 58	VOC	See Subcap Below	See Subcap Below
90	Tank - 59	VOC	See Subcap Below	See Subcap Below
91	Tank - 60	VOC	See Subcap Below	See Subcap Below
92	Tank - 61	VOC	See Subcap Below	See Subcap Below

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
156	Tank - 62	VOC	See Subcap Below	See Subcap Below
157	Tank - 63	VOC	See Subcap Below	See Subcap Below
164	Tank - 64	VOC	See Subcap Below	See Subcap Below
165	Tank - 65	VOC	See Subcap Below	See Subcap Below
196	Tank - 66	VOC	See Subcap Below	See Subcap Below
197	Tank - 67	VOC	See Subcap Below	See Subcap Below
198	Tank - 68	VOC	See Subcap Below	See Subcap Below
169	Tank - 75	VOC	See Subcap Below	See Subcap Below
166	Tank - 76	VOC	See Subcap Below	See Subcap Below
95	Tank - 77	VOC	See Subcap Below	See Subcap Below
96	Tank - 78	VOC	See Subcap Below	See Subcap Below
69	Tank - 9	VOC	See Subcap Below	See Subcap Below
5	Tank - 93	VOC	See Subcap Below	See Subcap Below
6	Tank - 94	VOC	See Subcap Below	See Subcap Below
7	Tank - 95	VOC	See Subcap Below	See Subcap Below
8	Tank - 96	VOC	See Subcap Below	See Subcap Below
34	Tank - 97	VOC	See Subcap Below	See Subcap Below
35	Tank - 98	VOC	See Subcap Below	See Subcap Below
36	Tank - 99	VOC	See Subcap Below	See Subcap Below
Various	Tanks Subcap	VOC	119.40	281.42

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
122	Cooling Tower - HOC	PM	17.71	65.86
		PM ₁₀	16.82	62.58
		PM _{2.5}	2.63	9.78
		VOC	5.67	21.09
123	Cooling Tower - Alky	PM	0.71	2.00
		PM ₁₀	0.70	1.98
		PM _{2.5}	0.19	0.55
		VOC	1.26	3.55
167-CT	Cooling Tower - BUP	PM	4.52	19.26
		PM ₁₀	4.30	18.33
		PM _{2.5}	0.67	2.88
		VOC	1.47	6.27
1CT	Cooling Tower - Crude	PM	0.34	1.13
		PM ₁₀	0.34	1.11
		PM _{2.5}	0.06	0.21
		VOC	0.17	0.55
73-P-3	Engine - 73-P-3	CO	3.21	4.23
		NO _x	11.63	15.35
		PM	1.06	1.39
		PM ₁₀	1.06	1.39
		PM _{2.5}	1.06	1.39
		SO ₂	0.98	1.30
		VOC	1.21	1.59

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
73-P-4	Engine - 73-P-4	CO	2.87	4.99
		NO _x	10.42	18.09
		PM	0.95	1.64
		PM ₁₀	0.95	1.64
		PM _{2.5}	0.95	1.64
		SO ₂	0.88	1.53
		VOC	1.08	1.88
73-P-5	Engine - 73-P-5	CO	3.21	8.03
		NO _x	11.63	29.12
		PM	1.06	2.64
		PM ₁₀	1.06	2.64
		PM _{2.5}	1.06	2.64
		SO ₂	0.98	2.46
		VOC	1.21	3.02
72-P-6	Engine - 72-P-6	CO	3.21	3.21
		NO _x	11.63	11.64
		PM	1.06	1.06
		PM ₁₀	1.06	1.06
		PM _{2.5}	1.06	1.06
		SO ₂	0.98	0.98
		VOC	1.21	1.21

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
72-P-7	Engine - 72-P-7	CO	3.21	0.62
		NO _x	11.63	2.25
		PM	1.06	0.20
		PM ₁₀	1.06	0.20
		PM _{2.5}	1.06	0.20
		SO ₂	0.98	0.19
		VOC	1.21	0.23
72-P-8	Engine - 72-P-8	CO	3.21	0.77
		NO _x	11.63	2.79
		PM	1.06	0.25
		PM ₁₀	1.06	0.25
		PM _{2.5}	1.06	0.25
		SO ₂	0.98	0.24
		VOC	1.21	0.29
72-P-9	Engine - 72-P-9	CO	3.21	4.77
		NO _x	11.63	17.32
		PM	1.06	1.57
		PM ₁₀	1.06	1.57
		PM _{2.5}	1.06	1.57
		SO ₂	0.98	1.47
		VOC	1.21	1.80

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
72-P-10	Engine - 72-P-10	CO	2.30	7.25
		NO _x	8.36	26.31
		PM	0.76	2.39
		PM ₁₀	0.76	2.39
		PM _{2.5}	0.76	2.39
		SO ₂	0.71	2.23
		VOC	0.87	2.73
72-P-11	Engine - 72-P-11	CO	3.24	6.43
		NO _x	11.75	23.34
		PM	1.07	2.12
		PM ₁₀	1.07	2.12
		PM _{2.5}	1.07	2.12
		SO ₂	0.99	1.97
		VOC	1.22	2.42
72-P-14A	Engine - 72-P-14A	CO	3.21	3.91
		NO _x	11.63	14.17
		PM	1.06	1.29
		PM ₁₀	1.06	1.29
		PM _{2.5}	1.06	1.29
		SO ₂	0.98	1.20
		VOC	1.21	1.47

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
72-P-14B	Engine - 72-P-14B	CO	2.85	4.74
		NO _x	10.32	17.20
		PM	0.94	1.56
		PM ₁₀	0.94	1.56
		PM _{2.5}	0.94	1.56
		SO ₂	0.87	1.45
		VOC	1.07	1.78
50-P-16	Engine - 50-P-16	CO	3.01	1.31
		NO _x	10.90	4.74
		PM	0.99	0.43
		PM ₁₀	0.99	0.43
		PM _{2.5}	0.99	0.43
		SO ₂	0.92	0.40
		VOC	1.13	0.49
50-P-20	Engine - 50-P-20	CO	3.01	2.65
		NO _x	10.90	9.61
		PM	0.99	0.87
		PM ₁₀	0.99	0.87
		PM _{2.5}	0.99	0.87
		SO ₂	0.92	0.81
		VOC	1.13	1.00

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
16-P-04	Engine - 16-P-04	CO	2.20	0.06
		NO _x	8.00	0.21
		PM	0.73	0.02
		PM ₁₀	0.73	0.02
		PM _{2.5}	0.73	0.02
		SO ₂	0.68	0.02
		VOC	0.83	0.02
16-P-07	Engine - 16-P-07	CO	2.67	0.04
		NO _x	9.69	0.15
		PM	0.88	0.01
		PM ₁₀	0.88	0.01
		PM _{2.5}	0.88	0.01
		SO ₂	0.82	0.01
		VOC	1.01	0.02
126	Main Flare	CO	See Subcap Below	See Subcap Below
		H ₂ S	See Subcap Below	See Subcap Below
		NO _x	See Subcap Below	See Subcap Below
		SO ₂	See Subcap Below	See Subcap Below
		VOC	See Subcap Below	See Subcap Below

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
158	Ground Flare	CO	See Subcap Below	See Subcap Below
		H ₂ S	See Subcap Below	See Subcap Below
		NO _x	See Subcap Below	See Subcap Below
		SO ₂	See Subcap Below	See Subcap Below
		VOC	See Subcap Below	See Subcap Below
127	BUP Flare	CO	See Subcap Below	See Subcap Below
		H ₂ S	See Subcap Below	See Subcap Below
		NO _x	See Subcap Below	See Subcap Below
		SO ₂	See Subcap Below	See Subcap Below
		VOC	See Subcap Below	See Subcap Below
135	Acid Gas Flare (pilot only)	CO	See Subcap Below	See Subcap Below
		H ₂ S	See Subcap Below	See Subcap Below
		NO _x	See Subcap Below	See Subcap Below
		SO ₂	See Subcap Below	See Subcap Below
		VOC	See Subcap Below	See Subcap Below
Various	Flares Subcap	CO	516.23	92.94
		H ₂ S	0.28	0.07
		NO _x	84.29	19.34
		SO ₂	26.30	6.51
		VOC	228.27	49.55

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
31	Loading - Heavy Oil	VOC	14.96	4.72
SHIP FUG	Loading - Ships Fugitives (5)	VOC	237.46	91.74
VRU	Loading - MVRU	VOC	61.33	23.13
TRUCKFUG	Loading - Truck Fugitives (5)	VOC	11.88	13.48
TRUCKCOMB	Loading - Truck Combustor	CO	15.19	17.10
		NO _x	6.75	7.43
		SO ₂	<0.01	0.02
		VOC	8.19	11.77
AE-49601A/B	AE-49601A/B Analyzer Vent	VOC	0.01	0.01
AE-49900A/B	AE-49900A/B Analyzer Vent	VOC	0.01	0.01
AE-49901A/B	AE-49901A/B Analyzer Vent	VOC	0.01	0.01
121	HOC Belco Scrubber	CO	889.96	1,470.33
		H ₂ SO ₄	49.00	214.62
		NO _x	356.20	473.81
		PM	120.32	527.00
		PM ₁₀	120.32	527.00
		PM _{2.5}	120.32	527.00
		SO ₂	203.53	420.09
		VOC	28.02	115.53

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
121	SRU Incinerators Cap	CO	220.75	678.85
		H ₂ S	5.82	18.73
		NO _x	54.64	239.31
		PM	24.72	98.38
		PM ₁₀	24.72	98.38
		PM _{2.5}	24.72	98.38
		SO ₂	191.32	837.99
		VOC	0.96	3.46
Various	Fugitives Subcap (5)	VOC	136.57	533.74
155	CRU CCR	HCl	0.07	0.29
118	SMR Condenser Vent	VOC	3.64	15.94
21 BH	MAGNACAT Unit	PM	0.18	0.60
		PM ₁₀	0.18	0.60
		PM _{2.5}	0.18	0.60
187	Tank 25	H ₂ S	0.02	0.04
		NH ₃	<0.01	<0.01
		VOC	1.43	5.33

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
83-P-136A	Engine 83-P-136A-EN	CO	2.48	0.06
		NO _x	7.43	0.19
		PM	0.38	<0.01
		PM ₁₀	0.38	<0.01
		PM _{2.5}	0.38	<0.01
		SO ₂	0.88	0.02
		VOC	7.43	0.19
83-P-136B	Engine 83-P-136B-EN	CO	2.48	0.06
		NO _x	7.43	0.19
		PM	0.38	<0.01
		PM ₁₀	0.38	<0.01
		PM _{2.5}	0.38	<0.01
		SO ₂	0.88	0.02
		VOC	7.43	0.19
WWTP-OWS	WW collection system	VOC	8.62	37.77
83-TK-26	Tank 26	VOC	0.12	0.45
83-TK-159	Tank 159	VOC	0.15	0.39
83-TK-160	Tank 160	VOC	0.15	0.39
83-V-97	Tank 97	VOC	0.18	0.40
83-V-58	Tank 58	VOC	0.11	0.44
83-V-59	Tank 59	VOC	0.11	0.44
83-TK-162	Tank 162	VOC	0.39	1.77
83-TK-155	Tank 155	VOC	0.39	1.77

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
124	API/DGF Combustor	CO	1.65	7.22
		NO _x	0.45	1.76
		SO ₂	0.03	0.13
		VOC	2.94	12.88
83-TK-23	Equalization Tank	VOC	0.81	3.51
83-TK27	Bio Oxidation Reactor Tank	VOC	0.51	2.22
WWTP-AERB	Aeration Basin	VOC	0.25	1.09
WWTP-CLRF	Clarifier	VOC	<0.01	0.04
WWTP-SLB	Saline Basin	VOC	<0.01	<0.01
01-01	Crude/Vacuum Unit Pump Alley	VOC	<0.01	0.02
01-02	North Side of Vacuum Unit	VOC	<0.01	0.02
01-03	North Side of Vacuum Unit	VOC	<0.01	0.02
01-04	Northwest Side of Vacuum Unit - Main Sump	VOC	<0.01	0.03
03-01	N of Tanks 156/161	VOC	0.02	0.08
98-02	WP MSAT Rail Rack	VOC	0.02	0.08
11-01	Desalter Pump Alley	VOC	<0.01	0.02
41-01	North of 43-TK-08 (Amine Tank)	VOC	<0.01	0.02
41-02	W of 41-V-05 (Acid Gas K.O. Drum)	VOC	<0.01	0.02
49-01	Northwest of XFU	VOC	<0.01	0.02
49-02	North Side of NHT (Unit 48)	VOC	<0.01	0.02
49-03	NHT (Unit 48) Pump Alley	VOC	<0.01	0.02

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
50-01	East of Tank 62	VOC	<0.01	0.02
52-01	NW of GDU MCC Room	VOC	<0.01	0.02
70-01	East of Tank 55	VOC	<0.01	0.02
70-02	Northwest of Tank 106	VOC	<0.01	0.02
70-03	West of Tank 94 (S&D Main Sump)	VOC	<0.01	0.03
72-01	East of Tank 111	VOC	<0.01	0.02
73-01	North of Tank 152 (Terminal 2A)	VOC	<0.01	0.02
73-02	Between TK 8 & TK 164 (Terminal 2)	VOC	<0.01	0.02
83-01	WWT (Hydroblast Pad)	VOC	0.02	0.07
83-02	WWT (Desalter Lift Station)	VOC	0.01	0.05
83-03	WWT (East of KOH Treater)	VOC	0.02	0.07
83-04	WWT (Northeast of Tank 159)	VOC	<0.01	0.02
83-05	WWT (North Lift Station)	VOC	<0.01	0.03
83-06	WWT (North of V-68)	VOC	<0.01	0.02
83-07	WWT (South of V-55)	VOC	<0.01	0.02
83-09	WWT (BSRP)	VOC	<0.01	0.02
83-10	WWT 83-V-99 (Diversion Box)	VOC	0.02	0.07
83-12	WWT 83-V-28 (SE of Catalyst Pad)	VOC	0.02	0.07
V-201	WP MSAT Rail Rack	VOC	0.51	2.23
124a	WP WWT API Combustor Back up	VOC	0.02	0.08

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (1) Emission point identification – either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3)

Cl ₂	-	chlorine
CO	-	carbon monoxide
H ₂ S	-	hydrogen sulfide
H ₂ SO ₄	-	sulfuric acid
MSS	-	Maintenance, Startup and Shutdown
NH ₃	-	ammonia
NO _x	-	total oxides of nitrogen
PM	-	total particulate matter, suspended in the atmosphere, including PM ₁₀ and PM _{2.5} , as represented
PM ₁₀	-	total particulate matter equal to or less than 10 microns in diameter, including PM _{2.5} , as represented
PM _{2.5}	-	particulate matter equal to or less than 2.5 microns in diameter
SO ₂	-	sulfur dioxide
VOC	-	volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) These interim limits are in effect until the earlier of completion of installation of low-NO_x burners or December 31, 2014.
- (7) These limits become effective on the earlier of completion of installation of low-NO_x burners being installed or January 1, 2015.

Date: January 22, 2014